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1903.

VICTORIA.

DEPARTMENT OF MINES.

RECORDS

OF THE

GEOLOGICAL SURVEY OF VICTORIA.

Vol. I., Part 2.

(Edited by Professor J. W. GREGORY, F.R.S., D.Sc., Director.)

Issued by

W. R. ANDERSON, SECRETARY FOR MINES, UNDER THE AUTHORITY OF THE HON. EWEN H. CAMERON, M.P., MINISTER OF MINES.

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Dennant, John, F.G.S., F.C.S., and Kitson, A. E., F.G.S. Catalogue of the Described Species of Fossils (except Bryozoa and Foraminifera) in the Cainozoic Fauna of Victoria, South Australia, and Tasmania (with locality plan) 89

AUTHORS' PREFACE.

The following *corrigenda* bring the Catalogue up to the present date:—

Page 97, after line 8 (in species column), insert "Asthenotoma tatei, Cossman, South Australia." (Precise locality not recorded.)

Page 102, last line, omit "29."

Page 125, after line 14, insert "Chione etheridgei, Pritchard, 24, 29."

Page 126, omit "5," line 6, and insert "5," line 7.

J. D.

A. E. K.

13th February, 1903.

CATALOGUE OF THE DESCRIBED SPECIES OF FOSSILS (EXCEPT BRYOZOA AND FORAMINIFERA) IN THE CAINOZOIC FAUNA OF VICTORIA, SOUTH AUSTRALIA AND TASMANIA.

(*By John Dennant, F.G.S., F.C.S., and A. E. Kitson, F.G.S.*)

In this catalogue three main horizons are recognised, viz., Eocene (including Oligocene), Miocene, and Pliocene. The late Professor Tate announced a succession table for the Pre-Miocene Cainozoic beds in June, 1899,* which has been mainly, but not entirely, followed by the compilers of the present catalogue. There is no difficulty in regard to the Miocene or Pliocene marine Cainozoic, but with the Eocene of most authors there is a diversity of opinion as to the relative horizons of certain beds.†

Of the four groups into which the Eocene to Oligocene deposits are here divided, Group A includes the Lower and Middle Eocene of Tate, and Group B his Upper Eocene. Group C records the fossils belonging to the Table Cape and Spring Creek deposits. By Tate they have been named Post Eocene (Oligocene ?), while by Messrs. Hall and Pritchard they are placed on a lower horizon than the distinctly Eocene Mornington beds. Their separate grouping in this catalogue of species is intended to imply that no opinion is expressed concerning the relative age of the beds in question. Those interested in the matter should consult the original memoirs.

The Beaumaris and Murray Desert beds are bracketed by Tate with those at Spring Creek and Table Cape, but the authors just mentioned have suggested that in the sections at Beaumaris, Royal Park, &c., there are two deposits, of which the upper is Miocene and the lower Eocene. The evidence adduced is not considered sufficient to establish the dual character of these deposits, and they are consequently still regarded as single ones. They are here linked with the Murray Desert section as Group D, to which the term Oligocene is provisionally applied.

The Waurn Ponds, Maude, and Fishing Point beds are tentatively included in the B group. For the minor deposits, "other localities" of the catalogue, the grouping is not specified. In most instances, however, it is plain, owing to the same species being also entered in the numbered columns.

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* Tate, on some Older Tertiary Fossils of Uncertain Age from the Murray Desert. Roy. Soc. South Australia, Vol. XXIII., p. 107.

† Editor's Note.—The classification and correlation in the Catalogue are the authors', and not necessarily to be generally adopted for the use of the Geological Survey.—J. W. G.

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In addition to the above the compilers have consulted MS. lists belonging to the Department as well as private MS. lists, the majority of which will shortly be published. In some cases these relate to deposits recently met with, as at Brown's Creek and Hamilton Creek in the Aire River district, and in others to familiar outcrops of known beds or to more lately discovered extensions of the same.

Name of Fossil.	Group A.								Group B.																	Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.															S. A.		Tas.	Vic.	Victoria.				S. A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Kelor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Mammalia.																																			
Wynyardia bassiana, Spencer ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	25	..	..	28							
Ziphius geelongensis, McCoy ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	25	..	..	..	29						
Squalodon wilkinsoni, McCoy ..	..	..	..	..	..	..	..	8	..	10?	..	..	..	..	..	..	..	..	..	..	..	..	..	25	..	..	..	..			32			
Physetodon baileyana, McCoy ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	25	..	..	..	..						
Cetotolites leggei, McCoy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	25										
,, nelsoni, McCoy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	25										
,, pricei, McCoy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	25										
Pisces.																																			
Carcharodon megalodon, Ag. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	25	..	..	..	29	..	..	32			
,, angustidens, Ag. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15	..	..	..	..	..	..	..	..	..	25	..	..	28	29	..	..	32			
Lamna elegans, Ag.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
Oxyrhina hastalis, Ag. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
,, woodsii, McCoy ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..							
Myliobatis plicatilis, Davis ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	27	..							
,, toliapica, Ag. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
Strophodus eocenicus, Tate ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	18	..	..	..	..	..	..	..	26	..	..	..	..	..	32			
Cephalopoda.																																			
Aturia australis, McCoy ..	..	..	..	..	..	..	5	..	..	..	..	10	11	..	..	..	15	..	17	..	..	..	..	22	..	24	..	..	27	28	29	..	..	32	33	..	Apsley, V.
Spirulirostra curta, Tate ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	29						
Pteropoda.																																			
Limacina tertiaria, Tate ..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	22	..	..	..	..	..	..	29						
Styliola annulata, Tate ..	..	1	2																																
,, bicarinata, Tate ..	..	..	..	..	..	..	..	..	..	10																									
,, rangiana, Tate ..	..	..	..	..	..	..	..	..	..	10	..	12	..	..	..	..	..	..	..	..	21	22	..	..	..	..	..	..	29						
Vaginella eligmostoma, Tate ..	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	..	..	..	..	..	21	22	..	..	..	..	..	..	..	..	..	..	..	..	..	Rivernook, V., Mt. Mary, V.

Name of Fossil	Group A.								Group B.																		Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.																S.A.		Tas.	Vic.	Victoria.			S.A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Gasteropoda.																																			
Actæon funiculifer, Cossmann ..	..	..	..	..	..	..	..	..	..	10																									
,, distinguendus, Cossmann ..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	22	..	..	..	26	..	..	..	..	..	32			
,, scrobiculatus, T. Woods ..	..	..	..	..	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	20?	..	..	..	24	..	..	..	28	29	..	..	32			
,, subscalatus, Cossmann ..	1	2	..	..	..	6	..	..	..	..	..	..	..	..	..	16	..	..	19	..	..	..	..	..	..	..	..	..	29	..	..	..	..	..	Cape Patton, V. ?
,, evanescens, Cossmann ..	1	2	..	4																															
,, olivellæformis, Tate ..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	16	..	..	19	..	..	..	..	..	..	..	..	..	29	..	..	..	..	..	
Semiactæon microplocus, Cossmann	..	..	..	..	..	..	..	..	..	..	..	..	..	14	..	16	17	..	..	..	..	22	..	24	..	26									
Triploca ligata, Tate	..	2	..	..	..	6																													
Tornatina aptycha, Cossmann ..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	18	..	..	..	..	..	..	..	..	..	28	..	..	..	32			
Volvulella inflatior, Cossmann ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28	29						
Bullinella exigua, T. Woods ..	..	..	..	..	5	..	7?	..	..	10	11	..	..	..	..	..	17	..	..	20	21	22	..	24	..	26	27	28	29	..	..	32			
,, angustata, T. and C. ..	..	2	..	..	..	..	..	..	..	10	11	12	..	..	..	16	17	..	..	..	..	22	..	24	..	26	..	28	29	..	..	32			
,, paucilineata, T. and C. ..	..	..	..	..	..	6	..	..	..	..	11	..	..	..	..	..	..	18	19	20	..	..	..	..	..	..	..	..	..	29						
,, aratula, Cossmann ..	..	..	..	..	..	6	..	..	..	10	11	12	..	..	..	16	17	..	19	20	21	22	..	24				..	29						
,, cuneopsis, Cossmann ..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	16	..	..	..	..	..	22	..	24											
,, infundibulata, Cossmann ..	..	..	..	..	..	..	..	..	..	10	11	12	..	..	15	16	17	..	19	..	21	22	..	24	..	..	..	..	29						
,, altiplica, Cossmann ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15	16	17	..	..	..	..	22													
,, phanerospira, Cossmann ..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	15	16																			
Roxania woodsii, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	24?	..	..	..	28							
,, scrobiculata, T. and C. ..	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	..	17	..	..	..	..	22	..	..	..	26									
,, ? bullæformis, Cossmann ..	..	..	..	..	..	..	..	..	..	10																									
Cylichnella callosa, T. and C. ..	1	..	..	4	..	6	..	..	..	..	..	12																							
Ringicula lactea, Johnston ..	..	..	..	..	..	6	..	..	..	10	11	..	..	14	..	16	..	..	19	20	..	22	..	..	..	..	..	28	29						
,, tenuilirata, Cossmann ..	..	..	..	..	..	..	..	..	..	..	11	..	..	..	..	16	..	..	..	20	..	22	..	..	..	..	..	..	29						
,, prælonga, Cossmann ..	..	..	..	..	..	..	..	..	..	10																									
Scaphander tenuis, Harris ..	..	..	3?	..	..	..	..	..	..	10	..	..	..	..	..	16	..	..	..	..	21	22	..	..	..	26									
Umbraculum australe, Harris	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	16	..	..	..	..	21	22	..	24	..	26									
Atlanta fossilis, Tate ..	..	..	..	..	..	6																													
Terebra platyspira, Tate ..	..	..	..	..	..	..	..	..	..	10	11	12	..	..	..	16	17	..	..	..	..	22													
,, mutica, Tate ..	..	..	..	..	..	..	..	..	..	10																									
,, simplex, T. Woods ..	..	..	..	..	..	..	..	..	..	10	..	..	..	14	..	..	..	..	..	..	..	..	..	..	..	..	..	28	29						

Name of Fossil.	Group A.								Group B.																		Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.																	S.A.			Victoria.				S.A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Terebra angulosa, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	34	
,, *additoides, T. Woods	..	..	..	..	..	..	..	..	..	..	..	..	..	14	..	16	..	..	..	..	..	..	..	..	..	26	..	28	29	..	..	32	..		
,, leptospira, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	22?	..	..	..	..	..	..	..	..	..	..	..		
Conus cuspidatus, Tate	..	..	..	..	..	..	..	..	..	10	11	..	..	14	..	16	..	18?	19	..	21	22	..	24	..	26	..	..	..	..	..	32			
,, ptychodermis, Tate	..	..	..	..	..	..	..	..	..	10																									
,, complicatus, Tate	..	..	..	..	..	..	..	..	..	10	11	..	..	..	15	..	..	..	..	20	..	22	..	..	..	..	..	28							
,, pullulescens, T. Woods	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	16	..	..	..	..	21	22	..	24	..	26	..	..	29						
,, dennanti, Tate	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	16	17	..	..	20	21	22	..	..	..	..	..	..	29						
,, ligatus, Tate	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	16	17	..	..	..	21	22	..	..	..	..	..	..	..	..	..	32	33		
,, heterospira, Tate	..	..	..	..	..	..	..	..	..	..	11	12	..	14	..	16	..	..	..	20	21	22	..	..	..	..	..	..	29	..	31	..	33?		
,, ralphii, T. Woods	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	19	..	..	22	..	..	..	26	27	..	..	30	..	32			
,, acrotholoides, Tate	..	..	..	..	..	..	..	..	..	..	11	..	..	..	..	..	17	..	..	..	..	22													
,, extenuatus, Tate	..	..	..	..	..	..	..	..	..	10	11	..	..	14	..	..	17	..	..	..	..	22	..	..	..	26	..	..	29	..	..	32			
,, hamiltonensis, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	17	..	..	..	..	22													
,, murravianus, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26									
,, atractoides, Tate	..	..	2																																
Hemiconus cossmanni, Tate	..	..	..	..	..	..	..	..	..	10																									
Bathytoma paracantha, T. Woods	..	..	..	..	..	..	..	..	..	..	..	12	..	14	..	..	..	..	..	20	..	..	..	..	..	..	..	28	29	..	..	..	33		
,, fontinalis, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22	..	..	..	..	..	..	29						
,, decomposita, Tate	..	..	..	..	..	..	..	..	..	..	11	..	..	..	..	..	17	..	..	..	..	22													
,, angustifrons, Tate	..	..	..	..	..	..	..	..	..	10	11	12	..	..	..	16	17	..	..	..	21	22	..	24	..	..	..	..	..	..	..	32	33	..	Mt. Mary, V.
,, pritchardi, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	34	
Pleurotoma murndaliana, T. Woods	..	..	..	..	..	..	..	..	..	10	11	12	..	14	..	16	17	..	19	20	21	22	..	24											
,, septemlirata, Harris	..	..	..	..	..	..	..	..	..	10	11	..	..	14	..	16	17	..	19	..	21	22	..	..	..	..	..	..	29						
,, subconcava, Harris	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16	17																		
,, samueli, T. Woods	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	..	..	..	..	..	21														

* Syn. *T. prægracilicostata*, Pritchard.

Name of Fossil.	Group A.								Group B.																	Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.																S.A.		Tas.	Vic.	Victoria.				S.A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mount Gambier.	Table Cape.	Spring Cape.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Pleurotoma optata, Harris ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22	..	..											
,, trilirata, Harris ..	..	..	..	..	..	..	..	..	..	..	..	12	..	..	..	16	..	..	..	..	..	22	..	24											
Surcula claræ, T. Woods	..	..	..	..	..	6	..	..	..	10	11	12	..	..	15	16	17	..	19	20	21	22	..	24											
,, johnstoni, T. Woods ..	..	..	..	..	..	6	..	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28	29						
,, pullulescens, T. Woods ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
,, wynyardensis, Pritchard *	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20?	..	..	..	..	..	..	..	28	29						
,, vardoni, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	34	
Asthenotoma, consutilis, T. Woods	..	..	..	..	..	..	..	..	..	10	11		..	14	..	16	17	..	..	..	..	22	..	..	.	26	..	..	29						
Drillia trevori, T. Woods	..	..	..	..	..	..	..	..	..	10	11	12	..	..	..	16	17	..	..	20	..	22													
,, vixumbilicata, Harris ..	..	..	..	..	..	..	..	..	..	10	11	12	..	..	..	16	.	..	..	..	21	22													
,, sandleroides, T. Woods ..	..	..	..	..	..	6	..	..	..	..	11	12	..	..	15	16	..	..	..	20	..	22	..	24	..	..	..	28	29						
,, integra, T. Woods	..	..	..	..	..	..	..	..	..	10	11	..	..	14	..	16	17	..	..	..	21	22	..	24	..	..	..	..	29						
,, stiza, T. Woods	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	..	17	..	..	20	..	..	..	24											
,, crenularoides, Pritchard ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28	29?						
Bela sculptilis, Tate	..	..	..	..	..	..	..	..	..	10	..		..	..	..	..	..	..	..	20?	..	22	..	..	..	..	..	..	29						
,, crassilirata, Tate	..	..	..	..	..	..	..	..	..	10																									
,, pulchra, Tate ..	..	..	..	..	..	6	..	..	..	10	..	12	..	..	..	16																			
,, tenuisculpta, T. Woods ..	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	..	..	..	..	..	..	22	..	..	.	..	..	28	29						
,, woodsii, Tate	..	..	..	..	..	..	..	..	..	..	..	12	..	..	..	..	..	..	..	20?	..	..	..	..	..	..	..	28	29						
Buchozia hemiothone, T. Woods ..	..	..	..	..	..	..	..	..	..	10	11	12	..	..	..	16	17	..	19	20	21	22	..	24											
,, columbelloides, T. Woods..	..	..	..	..	..	..	..	..	..	..	..	12	..	..	..	16	..	..	..	20	..	..	..	..	..	..	..	28	29						
,, oblongula, Harris.. ..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	21	22													
Daphnobela gracillima, T. Woods ..	..	..	..	..	..	..	..	..	..	10	11	12	..	14	..	16	17	..	19	..	21	22	..	24	..	..	..	28	29						

* Is probably a synonym of *S. johnstoni*.

Name of Fossil.	Group A.								Group B.																		Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.															S. A.			Tas.	Vic.	Victoria.				S. A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Borsonia protensa, Tate						6									15?																			
,, otwayensis, Tate						6		8																										
,, polycesta, Tate						6																												
,, balteata, Tate												12								20														
Cordiera conospira, Tate										10	11	12			15	16	17			20	21	22		24		26		28	29						Pitfield Plains, Mt. Arapiles, V.
Mitromorpha daphnelloides, T. Woods										10	11	12				16	17		19	20	21	22		24					29					
Mangilia obsoleta, Harris										10		12				16																		
*Clathurella bidens, T. Woods						6		8		10	11	12		14	15	16	17		19	20	21	22		24					29					
* ,, obdita, Harris										10												22												
Cancellaria wannonensis, Tate																																32		
,, calvulata, Tate										10												22												
,, platypleura, Tate										10	11					16	17				21	22		24										
,, epidromiformis, Tate										10		12				16				20		22		24										
,, exaltata, Tate																16						22												
,, varicifera, T. Woods										10	11	12		14		16	17		19		21	22		24		26			29					Pitfield Plains, V.
,, †tatei, Cossmann										10		12				16					21	22				26								
,, ptychotropis, Tate		1																																
,, turriculata, Tate		1	2																															
,, semicostata, Tate										10																								
,, etheridgei, Johnston												12			15					20								28	29					
,, caperata, Tate																				20		22												
,, capillata, Tate										10		12			15	16													29					
,, micra, Tate		2																																
Olivella angustata, Tate										10																								

* Some confusion exists as to these two shells. Mr. Harris should illustrate his example of Woods' species.

† Nom. mut.; *C. gradata*, Tate.

Name of Fossil.	Group A.								Group B.																		Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.																S.A.		Tas.	Vic.	Victoria.				S.A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton.	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Olivella adelaidæ, Tate	..	2	..	..	..	..	..	..	..	10	11	12	..	14	15	16	..	..	..	20	..	22?	..	..	..	..	..	..	29						
Ancilla pseudaustralis, Tate ..	..	..	..	..	5	..	..	..	..	10	11	12	..	14	..	16	17	..	19?	20	21	22	..	24	..	26	..	28	29	30	31	32	..	34	Pitfield Plains, V.
,, semilævis, T. Woods ..	..	..	..	..	..	..	..	..	..	10	11	12	..	..	..	..	17	..	..	20	21	22	..	..	..	26									
,, lanceolata, Tate ..	..	..	..	..	..	..	..	..	..	10																									
,, ligata, Tate ..	..	1	2	..	4	..	..	7	..	..	..	12	..	14	15	..	17	..	19	..	..	..	..	..	..	..	..	..	29						
,, hebera, Hutton ..	..	..	..	..	..	..	..	..	..	10	..	12	..	..	15	16	..	..	..	20	..	..	..	..	..	26	..	28	29	..	..	..	..	34	
,, orycta, Tate ..	..	..	..	..	..	..	..	..	..	..	..	..	..	14	..	16?	..	..	..	..	..	..	..	..	..	..	..	28	29	..	..	32			
,, subgradata, Tate ..	..	..	2																																
,, subampliata, Tate ..	..	..	..	..	..	..	..	..	..	10																									
Harpa lamellifera, Tate ..	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	16	..	..	..	..	21	22													
,, sulcosa, Tate ..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	16																			
,, spirata, Tate ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	18?	..	..	..	22													
,, cassinoides, Tate ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	34	
,, abbreviata, Tate ..	..	..	..	..	..	..	..	..	..	10																									
,, tenuis, Tate ..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	22	..	..	..	..	..	..	..	..	..	..	33		
,, pulligera, Tate ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22													
,, clathrata, Tate ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26									
,, pachycheila, Tate ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	29						
Marginella wentworthi, T. Woods ..	1	..	..	..	..	6	..	8	..	10	11	12	..	14	..	16	17	..	19	20	21	22	..	24	..	26	..	28	29	..	..	32			
,, winteri, Tate ..	..	..	..	..	..	..	..	..	..	10	..	12	..	..	..	..	..	..	..	..	..	22	..	24	..	..	..	..	29						
,, propinqua, Tate ..	..	..	..	..	..	6	..	..	..	10	11	12	..	14	15	16	17	..	19	20	21	22	..	..	..	26	..	..	29	..	..	32?			
,, inermis, Tate ..	..	..	..	..	..	6	..	..	..	10	..	12	..	..	15	16	17	..	..	20	21	22	..	..	..	..	..	28	..	..	..	..	..	..	Pitfield Plains, V.
,, micula, Tate ..	..	..	..	..	..	..	..	..	..	10	11	12	..	14	..	16	17	..	19	20	21	22	..	24	..	..	..	..	29	..	..	..	..	..	Pitfield Plains, V.
,, cassidiformis, Tate ..	..	..	..	..	..	..	..	..	..	10	..	12																							
,, septemplicata, Tate ..	..	..	..	..	..	..	..	..	..	10																									
,, aldingæ, Tate ..	1																																		
,, strombiformis, T. Woods	..	..	..	..	..	..	..	..	..	..	11	..	..	..	15	..	..	..	..	20	..	..	..	..	..	..	..	28	29						
,, woodsii, Tate ..	..	..	..	..	5	6	7	..	..	10	11	12	..	..	15	16	17	..	..	20	..	22	23	24	..	..	..	..	29	..	..	32?			

Name of Fossil.	Group A.								Group B.																	Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.															S.A.		Tas.	Vic.	Victoria.			S.A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	7	28	29	30	31	32	33	34	
Marginella octoplicata, T. Woods ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28	29						
Volutilithes antispinosus, Tate ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	34	
,, antiscalaris, McCoy ..	..	..	..	..	..	..	..	..	..	10	11	12	..	14	..	16	17	..	19?	20	21	22	..	24	..	..	..	..	..	..	..	32	..	..	Rivernook, V.
,, anticingulatus, McCoy ..	..	..	..	..	..	6	..	8	..	..	..	..	..	..	15	..	..	..	..	..	..	..	..	..	..	..	..	28	29	..	..	..	..	..	Mount Arapiles, V., Pitfield Plains, V.
Voluta macdonaldi, Tate	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	..	17	..	..	..	..	22													
,, uncifera, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26	..	..	29	..	..	..	..	34	
,, ellipsoidea, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	22													
,, lirata, Johnston	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
,, costellifera, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	17																		
,, weldii, T. Woods	..	..	..	..	..	..	..	..	..	10	..	..	..	14	15	16	..	..	..	..	..	22	..	24	..	26	..	28	..	..	..	..	..	..	Pitfield Plains, V.
,, strophodon, McCoy	..	..	..	..	..	..	..	..	..	10	11	..	..	14	..	16	17	..	..	20	21	22	..	..	..	26	..	28	..	..	..	32	..	34	
,, cathedralis, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	15	16	17	..	..	20?	..	..	..	..	..	..	..	..	29						
,, tabulata, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	34	
,, capitata, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	34	
,, conoidea, Tate	..	..	..	..	..	..	..	..	..	10	..	12	..	..	..	16	17	..	..	20	..	22	..	24											
,, limbata, Tate	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	..	..	..	..	..	..	22													
,, hannafordi, McCoy ..	..	..	..	..	..	..	..	..	..	10	11	..	..	..	15	16	17	..	..	20	21	22	..	..	..	..	..	..	..	..	..	32			
,, heptagonalis, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26									
,, *validicostata, Tate	..	..	..	..	..	..	..	..	..	10	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
,, stephensi, Johnston	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
,, ancilloides, Tate	..	..	..	..	..	..	..	..	..	10	11	12	..	..	..	16	17	..	..	20	21	22	..	..	.	26	..	28	29	30	..	..	33		
,, mortoni, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
,, atkinsoni, Pritch.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
,, crassilabrum, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	22													
,, maccoyi, T. Woods	..	..	..	..	..	6	..	..	..	10	11	12	..	..	..	..	..	..	..	20	21	22	..	24	..	..	27?	28	..	..	..	..	33?		
,, polita, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	16	17	..	..	20	..	22													
,, macroptera, McCoy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	29						
,, pellita, Johnston	..	..	..	..	..	..	..	..	..	.	..	12	..	..	..	16	..	..	..	..	..	..	..	..	25	..	..	28	29						

* Nom. mut., *V. alticostata*, Tate.

Eocene to Oligocene—*continued.*

Name of Fossil.	Group A.								Group B.																	Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.															S.A.		Tas.	Vic.	Victoria.				S.A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Voluta lintea, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26									
,, cribrosa, Tate	1	..	..	..	..	6																													
,, sarissa, Tate	..	..	..	..	..	..	..	..	..	10	..	12	..	..	..	16	..	..	..	20	21	22	..	..	..	26									
,, pagodoides, Tate	1	2	..	..	..	6	..	..	..	10	11	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	29	..	..	..	..	..	Ardrossan, S.A.
,, tateana, Johnston	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28	29	..	..	..	..	..	
,, pseudolirata, Tate	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	..	17	..	..	..	21	22	..	..	..	..	..								
,, protorhysa, Tate	..	2																																
,, fulgetroides, Pritch.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	32			
,, hamiltonensis, Pritch.	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	22													
,, gatliffi, Pritch.	..	..	..	..	..	..	..	..	..	10																									
,, pueblensis, Pritch.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28	29						
Lyria harpularia, Tate	..	..	..	..	..	..	..	..	..	10	11	12	..	..	..	16	17?	..	..	20	21	22	..	..	..	..	..	..	..	..	..	31			
,, semiacuticostata, Pritch.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28	29						
Mitra alokiza, T. Woods	..	..	..	..	..	..	..	..	..	10	11	..	..	..	15	16	17	..	..	20	21	22	..	..	..	..	..	..	..	..	30				
,, dictua, T. Woods	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	16	..	..	..	..	..	..	..	..	..	..	..	28							
,, uniplica, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	22													
,, varicosa, Tate	..	..	2																																
,, *multisulcata, Harris	..	..	..	..	..	..	..	..	..	10																									
,, diductua, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	34	
,, atractoides, Tate	..	..	..	..	..	..	..	..	..	10	11	12	..	14	..	16	17	..	19	20	21	22	..	24	..	..	..	..	29						
Uromitra leptalea, Tate	..	..	..	..	..	..	..	..	..	10	11	..	..	14	..	16	..	..	..	..	..	22													
,, paucicostata, Tate	..	..	..	..	..	..	..	..	..	10	11	..	..	14	..	16	..	..	..	..	..	22	..	24											
,, exilis, Tate	..	..	..	..	..	..	..	..	..	10	11	..	..	14	..	16	17	..	..	..	..	22	..	..	..	..	..	..	29						
,, †ralphii, Cossmann	..	..	..	..	..	..	..	..	..	10	11	12	..	14	..	..	..	..	..	..	..	22	..	..	..	..	..	..	29						
,, clathurella, Tate	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	16	..	..	..	20															
,, biornata, Tate	..	..	..	..						10	11	12			15	16	..	..	..	20															
,, escharoides, Tate	..	..	..	..	..	..	..	..	..	10	..	12	..	..	15																				
,, subcrenularis, Tate	..	2																																	

* Var of *M. alokiza.* † Nom. mut., *U. semilaevis*, Tate.

Name of Fossil.	Group A.								Group B.																	Group C.		Group D.				Other Localities.
	South Australia.				Victoria				Victoria.																S.A.			Tas.	Vic.	Victoria.				S.A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Mooraboool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Uromitra citharelloides, Tate ..	1	2																																	
Conomitra othone, T. Woods ..	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	16	17	..	..	20	21	22	..	..	..	..	..	..	29						
,, dennanti, Tate	..	..	..	..	..	..	..	..	..	10																									
,, ligata, Tate	..	..	..	..	..	..	..	..	..	10	11	12	..	14	15	16	17	..	19	..	21	22													
,, couplanata, Tate	..	2																																	
,, anticoonata, Johnston ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
,, conoidalis, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22	..	..	..	..	..	..	29						
Columbarium acanthostephes, Tate	..	..	..	..	..	6	..	8	..	10	11	12	..	14	15	16	17	..	..	20	21	22	..	24	..	..	..	..	29						
,, foliaceum, Tate ..	..	..	..	..	..	..	..	..	..	10	11	12	..	..	..	16	17	..	..	..	21	22	..	..	..	..	..	28							
,, craspedotum, Tate ..	..	..	..	..	..	..	..	..	..	10	11	12	..	..	..	16	17	..	..	20	21	22	..	24	..	26	..	28	..	..	31?	..	..	34	
,, spiniferum, Tate ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	17	..	..	..	..	..	..	..	..	26									
Fusus hexagonalis, Tate ..	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	..	17	..	..	..	21	22													
,, dictyotis, Tate	..	..	..	..	..	6	..	..	..	10	11	..	..	..	..	..	17	..	..	20	21	22	..	24	..	26	..	28	29						
,, senticosus, Tate	..	..	..	..	..	..	..	..	..	10	11	12	..	..	..	16	17	..	..	20	21	22	..	24	..	26	..	28							
,, trivialis, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	34	
,, cochleatus, Tate	1																																	
,, simulans, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	14	..	..	..	..	19	..	..	22	..	..	..	26									
,, sculptilis, Tate	1	2																																	
,, meredithæ, T. Woods ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
,, tholoides, Tate	..	2																																	
,, aldingensis, Tate	1																																		
,, henicus, Tate	..	..	..	..	..	..	..	..	..	10																									
Solutofusus carinatus, Pritchard	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	16	..	..	..	20	21	22													
Latirofusus aciformis, Tate ..	..	..	..	..	..	..	..	..	..	10	11	12	..	..	..	16	17	..	.	..	21	22													
,, cingulata, Pritchard ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28	29						
,, exilis, Tate	..	..	..	..	..	..	..	..	..	10	11	12	..	..	15	16	17	..	19	20	21	22	..	24	..	26	..	..	29						

Name of Fossil.	Group A.								Group B.																Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.															S.A.			Victoria.				S.A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Clavilithes incompositus, Tate ..	1	2	..	..	..	6			..	..																								
,, bulbodes, Tate	..	..	..	..	..	6	..	..	..	10	..	..	..	..	..	..	..	..	..	..	21	22	..	..	..	..	..	..	29						
,, tateanus, T. Woods ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28						
Fasciolaria cristata, Tate	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	16	17	..	..	.	21	22													
,, rugata, Tate	..	..	..	..	..	..	..	..	..	10	11	..	..	.	..	16	17	..	..	..	21	22	..	..	..	..	..	..	..	..	..	..	33		
,, cryptoploca, Tate	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	16	17	18	..	..	.	22												
,, decipiens, Tate	..	..	..	..	..	..	..	..	..	10	11	12	..	..	..	..	17?	..	.	20	..	22	..	..	..	26	..	28						
,, tenisoni, T. Woods ..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	22												
,, concinna, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22												
,, lamellifera, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22												
,, johnstoni, T. Woods ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28						
,, fusilla, Tate	..	..	..	..	..	..	..	..	..	10																								
Latirus murrayanus, Tate	..	..	..	..	..	..	..	..	..	..	11	..	..	14	15	..	17	..	..	..	..	22	..	24	..	26	..	28	..	..	..	32?			
,, morundiana, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	..	..	..	..	..	26									
,, altifrons, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	26									
,, aldingensis, Tate ..	1	2																																
,, affinis, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28						
,, transennus, T. Woods ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28						
,, linteus, Tate	..	..	..	..	..	..	..	..	..	10	11	12	..	14	..	16	17	..	..	20	..	22												
,, apiciliratus, Tate ..	1	2																																
,, actinostephes, Tate ..	1	2																																
,, succinctus, T. Woods ..	..	..	..	..	..	..	..	..	..	10	11	12	..	..	..	16	17	..	..	..	..	22												
,, interlineatus, Tate ..	..	..	..	..	..	..	..	..	..	10	11	12	..	..	..	..	17	..	..	..	..	22												
,, subundulosus, Tate ..	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	..	17	..	..	..	..	22												
,, tatei, Harris	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	29						
,, semiundulatus, Pritchard	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28	29						
,, *salebrosus, Harris ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	21	22	..	24											
,, pumilus, Tate	..	..	2																																

* As *Pleurotoma.*

Name of Fossil.	Group A.								Group B.																		Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.																	S.A.			Victoria.				
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mount Gambier.	Table Cape.	Spring Creek.	Kellor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Leucozonia micronema, Tate ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16	..	..	..	..	..	22												
,, staminea, Tate ..	..	..	..	..	..	..	..	..	..	..	11	..	..	..	..	..	..	..	..	..	..	22												
,, tumida, Tate ..	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	16	..	..	..	..	..	22												
Tudicula costata, Tate ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	34	
,, turbinata, Tate ..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26	..	..	..	..	..	..	..		
,, angulata, Tate ..	..	..	..	..	..	..	..	..	..	10																								
Tritonofusus crebrigranosus, Tate ..	..	..	..	..	..	..	..	..	..	10	11	12	..	..	..	..	..	..	..	..	..	22												
,, labrosus, Tate ..	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	16	..	..	..	..	..	..	..	24										
Siphonalia longirostris, Tate ..	..	..	..	..	..	..	..	..	..	10	11	12	..	14	..	16	..	18?	..	20	21	22	..	..	..	..	..	..	29					
,, tatei, Cossmann ..	..	..	..	..	..	..	..	..	..	10	11	12	..	..	..	16	17	..	19	20	..	22												
,, styliformis, T. Woods ..	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	16	..	..	19	20	..	22	..	..	..	26								
,, subreflexa, G. B. Sow. ..	..	..	..	..	..	..	..	..	..	10	..	12	..	..	..	..	..	..	..	..	..	22												
,, roblini, T. Woods ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28						
Pseudovaricia mirabilis, Tate ..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	18																
Cominella? pertusa, Tate ..	..	..	2																															
,, pumila, Tate ..	..	..	2																															
,, *fragilis, T. Woods ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28	29					
Tritonidea brevis, Tate ..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	33		
Euthria ino, T. Woods ..	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	16	17	18	..	20?	21	22	..	..	..	26								
,, cingulata, Tate ..	..	..	..	..	..	..	..	..	..	..	11	..	..	..	..	..	17	..	..	..	..	22												
Phos liræcostatus, T. Woods ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28						

* Syn. *Trophon selwyni*, Pritchard.

Name of Fossil.	Group A.								Group B.																			Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.																S. A.			Tas.	Vic.	Victoria.				S. A.	
	Aldinga	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Phos variciferus, Tate	.	..	..	..	..	..	..	..	..	10	11	..	..	..	..	16	17	..	..	..	21?	22	..	..	.	26									
,, tardicrescens, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	22	..	24	..	..	..	..	..	..	31?				
,, cominelloides, Tate	..	..	..	..	..	..	..	..	..	10																									
Eburnopsis aulacoessa, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	22													
,, tesselatus, Tate	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	29						
Zemira præcursoria, Tate	..	..	..	..	..	..	..	..	..	10	..	12	..	14	..	16	..	..	..	20	..	22													
Nassa tatei, T. Woods	..	..	..	..	..	..	..	..	..	10	11	12	..	14	..	16	17	..	..	..	21	22	..	24	..	26	..	..	29	..	31?				
Columbella oxleyi, T. Woods ..	.	..	..	..	..	..	..	..	..	..	..	12	..	..	15	..	17	..	..	..	..	..	..	..	..	..	..	28	29						
,, crebricostata, T. Woods ..	..	..	..	..	..	..	..	..	..	10	11	12	..	..	..	16	17	..	..	..	..	22													
,, gracilirata, T. Woods ..	..	..	..	..	..	..	..	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28	29						
,, cainozoica, T. Woods ..	..	.	..	..	..	..	..	..	..	10	11	12	..	..	..	16	17	..	..	..	..	22	..	..	..	..	..	28							
,, funiculata, T. Woods ..	..	..	..	..	..	..	..	..	..	10	11	..	..	14	..	16	17	..	..	20	..	22	..	..	..	26									
Trophon icosiphyllus, Tate	..	2																																	
Typhis maccoyi, T. Woods	..	..	..	..	..	..	..	..	..	10	11	..	..	14	..	16	17	..	..	..	..	22	..	..	..	26	..	28	29						
,, acanthopterus, Tate	..	..	..	..	..	..	..	..	..	..	11	12	..	14	..	16	..	..	..	20	21	22													
,, disjunctus, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	16	..	..	..	..	..	22													
,, laciniatus, Tate	..	..	..	..	..	..	..	..	..	10	11	12	..	14	15	16	17	..	..	..	21	22	..	..	..	..	..	..	29						
,, tripterus, Tate	..	2																																	
,, evaricosus, Tate	..	..	..	..	..	..	..	..	..	10	11	12	..	..	..	16	17	..	..	20	..	..	..	24	..	..	..	..	29						
Murex velificus, Tate	..	..	..	..	..	..	..	..	..	10	11	12	..	14	..	16	17	..	..	20	21	22	..	..	..	26	..	28	29						
,, rhysus, Tate	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	16	17	..	..	20	21	22	..	24											
,, calvus, Tate	1	2	..	..	..	6	..	8																											
,, manubriatus, Tate	1	2																																	
,, bifrons, Tate	1	2	..	..	..	6																													

Name of Fossil.	Group A.								Group B.															Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.														S. A.		Tas.	Vic.	Victoria.			S.A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Murex didymus, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22													
,, amblyceras, Tate	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	16	17	..	..	..	21	22													
,, dennanti, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	20															
,, otwayensis, Harris ..	..	..	..	..	..	6																													
,, wallacei, Pritchard ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22													
,, lophoessus, Tate ..	..	..	..	..	..	..	..	..	..	10	11	12?	..	14	..	16	17	..	..	..	21	22	..	24											
,, adelaidensis, Tate ..	..	1	2																																
,, basicinctus, Tate ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	26									
,, tenuicornis, Tate ..	..	..	2																																
,, hamiltonensis, Tate ..	..	..	..	..	..	..	..	..	..	10	..	12	..	..	..	..	..	..	..	..	..	22													
,, irregularis, Tate ..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
,, graniformis, Harris ..	..	..	..	..	..	..	..	..	..	10																									
,, minutus, Johnston ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
,, asteriscus, Tate ..	..	..	..	..	..	..	..	..	..	10																									
,, pachystirus, Tate ..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26									
,, sublaevis, Tate	..	1	2																																
,, legrandi, Johnston ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
,, tridentatus, Tate ..	..	1																																	
,, prionotus, Tate	..	1	2	..	..	..	6	..	..	..	11																								
,, trochospira, Tate ..	..	..	..	..	..	..	..	..	..	10	..	12	..	..	..	..	17	..	..	..	21	22	..	24	..	26									
,, eyrei, T. Woods ..	..	..	..	..	..	..	..	..	..	10	11	12	..	..	15	16	17	..	..	20	21	22	..	24	..	..	..	28	29						
,, biconicus, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	34	
,, camplytropis, Tate ..	..	..	..	..	..	..	..	..	..	10	11	12	..	..	..	16	17	..	..	..	..	22	..	..	..	26	..	28							
,, asperulus, Tate	..	1?	..	..	..	..	..	..	.	10	11	12	..	..	..	16	17	..	..	.	..	22	..	..	..	..	..	..	29						
,, polyphyllus, T. Woods ..	..	..	..	..	..	..	..	..	..	10	11	..	..	..	15	16	17	..	19	..	..	22	..	24	..	..	..	..	29						
,, brevicaudatus, Tate ..	..	..	..	..	..	..	..	..	..	10																									
,, torquatus, Tate	..	1	2																																
,, hypsellus, Tate	..	1	2	..	4	..	6																												
,, monotropis, Tate	..	..	2																																
,, mangelioides, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22	..	..	..	26									

Name of Fossil.	Group A.								Group B.																	Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.															S.A.		Tas.	Vic.	Victoria.				S.A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Rapana aculeata, Tate	..	..	..	..	..	..	..	..	..	10	11	12	..	..	..	..	17	..	..	20	..	22	..	..	..	..	..	28	29						
Sistrum purpuroides, Johnston	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	17	..	..	..	..	..	..	..	..	..	..	28	29						
Concholepas antiquatus, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	22													
Vitularia curtansata, Tate	..	..	..	..	..	..	..	..	..	10																									
Lampusia abbotti, T. Woods	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
,, radialis, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26									
,, gibba, Tate	..	..	..	..	..	..	..	..	..	10	.	12	..	..	..	..	17	..	..	..	..	22	..	..	..	..	..	.	..	..	..	32			
,, cyphus, Tate	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	16	17	..	..	20	..	22	..	..	..	..	..	..	..	..	..	32			
,, woodsii, Tate	..	..	..	..	..	..	..	..	..	10	11	..	..	14	..	16	17	..	..	20	21	22	..	24	..	26	..	28							
,, textilis, Tate	..	..	..	..	..	..	..	..	..	10	11	12	..	..	..	..	17	.	..	..	21	22	..	..	..	..	..	..	..	..	..	32?			
,, intercostalis, Tate	..	..	..	..	..	..	..	..	..	10																									
,, annectans, Tate	..	..	..	..	..	..	6	..	8	..	10	11	12	..	14	..	..	..	..	..	..	..	..	22	..	24									
,, armata, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	34	
,, tumulosa, Tate	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	16	17	..	..	..	..	22													
,, tortirostris, Tate	..	..	..	..	..	..	..	7	8	..	10	11	12	..	14	15	16	17	18	19	20	21	22	..	24	..	26	..	28	29					
,, protensa, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	16	..	..	..	..	21	22													
,, cribrosa, Tate	..	1	2	..	..	..	6																												
,, crassicostata, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
,, oligostira, Tate	..	1	2	3																															
,, gemmulata, Tate	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	16	17	..	..	20	..	22	..	24											
Distorsio interposita, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	29						
Plesiotriton dennanti, Tate	..	..	..	..	..	..	6																												
,, varicosus, Tate	..	1																																	
Colubraria tenuicostata, T. Woods	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	16	17	..	..	..	21	22	..	..	..	26									

Name of Fossil.	Group A.								Group B.																		Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.															S.A.			Tas.	Vic.	Victoria.			S.A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mount Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Colubraria nodulata, Tate	..	2																										28							
,, tasmanica, Johnston	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..								
,, citharella, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..								
,, leptoskeles, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..								
,, texturata, Tate	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	..	..	..	..	..	..	22													
,, turrita, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	22													
Apollo prattii, T. Woods	..	..	..	..	..	..	..	..	..	10	11	12	..	..	..	16	17	.	19	20	21	22	..	24	..	26									
Cassis exigua, T. Woods	..	..	..	..	..	..	.	..	..	10	11	..	..	..	..	..	17	..	..	..	..	..	..	24	..	..	..	..	..	..	..	..	33	..	Pinnaroo, S.A.
,, textilis, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26	..	..	..	..	..	32	..	..	Apsley, V.
,, contusa, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	34	
*Semicassis sufflata, T. Woods	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28	29						
,, transenna, Tate	..	..	..	..	..	..	..	..	..	10	11	12	..	..	..	16	17	18	..	20	21	22	..	24	..	26	..	..	..	30?	31?	32?	..	34	
,, radiata, Tate	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	34	
Morio gradata, Tate	..	..	..	..	..	..	..	..	..	10	11	..	..	14	..	16	17	18	..	20	21	22	..	..	..	26	..	28							
,, wilsoni, Tate	..	..	..	..	..	..	..	..	..	..	..	..	13	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	29						
Dolium biornatum, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	17																		
Pyrula altispira, Pritchard	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
Cypraea scalena, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	22													
,, parallella, Tate	..	..	..	..	..	..	..	..	..	10	..	12	..	..	..	..	..	..	..	..	..	22	..	24											
,, subsidua, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	17	18	..	..	..	22	..	..	..	..	..	28	..	..	..	..	33		
,, contusa, McCoy	..	..	..	..	..	..	..	..	..	10	11	12	..	..	..	16	17	..	..	20	21	22	..	..	..	26	..	..	29						
,, ampullacea, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22													

* Mr. Harris credits me with presenting this as a Muddy Creek species to the British Museum. I observe (1) that it does not occur at Muddy Creek, and (2) that the shell I sent was *S. transenna*, a distinct species.—J. D.

Name of Fossil.	Group A.								Group B.																	Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.															S.A.		Tas.	Vic.	Victoria.				S.A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Cypraea archeri, T. Woods	..	..	..	..	..	..	..	..	..	10?	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	28							
,, brachypyga, Tate	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	..	..	..	..	20	..	22	..	..	..	..	..	..	..	..	..	..	33		
,, pyrulata, Tate	..	..	..	..	..	..	..	..	..	10	11	12	..	..	..	16	17	..	..	20	..	22	..	24	..	..	..	..	..	..	..	..	..		
,, subpyrulata, Tate	..	..	..	..	..	..	..	..	..	10	11	12	..	..	15	16	17	..	..	..	..	22	..	..	..	26	..	..	..	..	..	..	..	..	Mt. Arapiles, V.
,, murraviana, Tate	..	..	..	..	..	..	..	..	..	..	..	12	..	..	..	16	..	..	..	..	..	22	..	..	..	26	27?	28	29	..	..	32	..	..	Apsley, V.?
,, leptorhyncha, McCoy	..	..	..	..	..	..	..	..	.	10	..	12	..	..	..	16	17	..	..	20	21	22	..	24	..	26	..	..	29	..	..	..	..	..	
,, gigas, McCoy	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	..	17	..	..	.	..	22	..	..	..	26	..	..	29	..	..	..	..	..	
,, platypyga, McCoy	..	..	..	..	..	..	..	..	.	10	11	..	.	..	..	..	..	..	..	..	..	22	.	..	..	..	.	28							
,, consobrina, McCoy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	17	..	..	..	..	..	..	.	..	..	..	28							
,, gastroplax, McCoy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	22	..	..	..	..	..								
,, dorsata, Tate	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	..	..	..	..	..	..	22	..	..	..	..	27								
,, eximia, G. B. Sow.	..	..	..	.	..	..	..	..	..	10	11	..	..	..	..	16	17	..	19	..	21	22	..	24	..	..	..	28	..	..	..	..	..	..	Franklin, nr. Launceston, T.
,, sphaerodoma, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	27	28?							
,, toxorhyncha, Tate	..	.	..	..	..	..	..	..	..	10																									
,, platyrhyncha, McCoy	..	..	..	..	..	.	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28	29						
,, amygdalina, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	34	
,, mulderi, Tate	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	20															
Cypraedia clathrata, Tate	..	1																																	
Gaskoinia bullaeformis, Tate	..	..	..	..	..	..	..	..	..	10																									
Trivia avellanoides, McCoy	..	1	2	..	..	..	6	..	..	10	11	12	..	14	..	16	17	18	19	20	21	22	..	24	..	26	..	28	29	30	31	..	33	..	Flinders Island, T.
,, erugata, Tate	..	..	..	..	..	..	..	..	..	10																									
,, pompholugota, Tate	..	.	2																																
,, ovulatella, Tate	..	1	2	..	4	..	6																												
Erato minor, Tate	..	..	..	..	..	..	6	..	..	10	..	..	..	..	..	..	..	..	..	..	..	22	..	..	..	26	..	28	29						
,, australis, Tate	..	1	2	..	..	..	6	..	..	..	11	..	..	..	..	.	..	..	..	..	..	22	..	..	..	..	..	..	29						
,, pyrulata, Tate	.	1	2	..	..	..	6																												
,, morningtonensis, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16	..	..	..	..	21	22													

Name of Fossil.	Group A.								Group B.																	Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.																S. A.		Tas.	Vic.	Victoria.			S. A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Be'mont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Erato duplicata, Johnston	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
Simnia exigua, Tate	..	..	..	..	..	..	..	..	..	10																									
Strombus denticostatus, Harris ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Fowler's Bay, S.A.
Tylospira coronata, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28	..	..	..	32	..	34	
,, clathrata, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	32			
Cerithium apheles, T. Woods ..	..	..	..	..	..	..	..	..	..	10	11	12	..	..	..	16	17	..	19?	..	21	22	..	24	..	..	..	..	..	..	..	32			
,, pritchardi, Harris ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	18	..	..	..	..	..	24	..	..	..	28	..	..	..	..	..	34	
,, torrii, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	34	
,, flemingtonense, McCoy ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	30	31	..	33		
Potamides wynyardense, Tate ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
Cerithiopsis mulderi, Tate	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	17																		
Newtoniella cribarioides, T. Woods..	..	..	..	..	..	..	..	..	..	10	11	12	..	14	15	16	17	..	19	20	21	22	..	24	..	..	..	..	29	..	..	.	..	..	Pitfield Plains, V.
,, eusmilia, T. Woods ..	..	..	..	..	..	..	..	..	..	10	..	12	..	..	..	16	..	..	..	..	..	22	..	24											
,, salteriana, T. Woods ..	..	..	..	..	..	..	..	..	..	10																									
Ataxocerithium concatenatum, Tate	..	2	..	4	..	..	..	..	..	10	11	..	..	..	..	..	..	..	..	..	..	22													
Colina apicilirata, Tate	.	..	..	..	..	..	..	..	..	..	11	..	..	..	..	..	..	..	..	..	..	22													
,, fenestralis, Tate	.	..	..	..	..	6	..	..	..	10	11	..	..	..	..	..	17	..	19																
,, *semicostata, T. Woods ..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	20	..	22													
Triforis planata, T. Woods ..	..	..	..	..	..	..	..	..	..	10	11	12	..	..	..	16	..	..	19	20	..	22													
,, wilkinsoni, T. Woods ..	..	..	..	..	..	6	..	..	..	10	11	12	..	14	15	16	17	..	19	20	21	22	..	24	..	..	..	..	29						
,, sulcata, T. Woods	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	16	17	..	19	20	..	22	..	24	..	..	..	..	29						

* *Aesopus semicostatus*, T. Woods.

Name of Fossil.	Group A.								Group B.																		Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.																S.A.		Tas.	Vic.	Victoria.			S.A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Mooraboool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Bittium johnstoni, T. Woods ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
Trichotropis angulifera, Tate. ..	..	2																																	
,, tabulata, Tate ..	..	2																																	
,, subquadrata, Tate ..	..	..	..	..	..	6	..	..	..	10	..	..	..	..	..	16																			
,, accrescens, Tate.. ..	..	..	..	..	..	..	..	..	.	10																									
,, triplicata, Tate	..	2																																	
,, quinquelirata, Tate ..	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	29						
,, apicilirata, Tate	..	..	..	..	..	..	..	..	..	..	11	..	..	..	..	..	..	..	..	..	..	22	..	..	..	..	..	..	29						
,, interlineata, Tate ..	..	2																																	
,, costata, Tate	..	2																																	
,, fenestrata, Tate	..	2																																	
Tenagodes occlusus, T. Woods ..	1	..	..	4?	..	..	..	..	..	10	11	12	..	..	15	16	17	18	..	20	21	22	..	24	..	26	..	28	29	30?	..	..	33		
Thylacodes actinotus, Tate	..	2																																	
,, cratericulus, Tate ..	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	..	17	18	..	..	21	22													
,, conohelix, T. Woods ..	..	..	..	..	..	..	..	..	..	10	11	12	..	.	..	16	17	18	..	20	21	22	..	24	25	..	..	28	29	..	..	..	33		
,, asper, Tate	1	..	..	..	..	..	..	..	..	..	11	12	..	..	..	..	..	..	..	20	..	22													
,, rudis, Tate	..	..	..	..	..	6	..	..	..	..	11	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
,, adelaidensis, Tate ..	1	2																																	
Turritella pagodula, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	32			
,, septifraga, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16	..	..	..	..	..	..	..	..	..	..	..	..	29						
,, aldingae, Tate	1	2	3	4	5	6	7	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Croydon Bore, Ardrossan, S.A.
,, warburtoni, T. Woods ..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
,, sturtii, T. Woods	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
,, gemmulata, Tate	..	..	..	..	..	..	..	8	..	10	..	12	.	..	..	..	..	18	..	..	..	..	..	..	..	..	..	..	29						
,, tristira, Tate	..	..	..	..	..	..	..	..	..	10	11	12	..	14	15	16	17	..	..	20	21	22	..	24	..	..	..	28	..	..	..	32	..	34	Pitfield Plains, V.
,, conspicabilis, Tate ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15?	..	..	..	..	..	21	22	..	..	25?	..	..	28	29						

Name of Fossil.	Group A.								Group B.																		Group C.		Group D.					Other Localities.
	South Australia.				Victoria.				Victoria.																S.A.		Tas.	Vic.	Victoria.				S.A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Turritella aericula, Tate	..	..	..	..	..	..	7	..	..	10	11	12	..	14	15	16	17	18	19	..	21	22	..	24	..	26	..	28	29	..	..	32	..	34	
,, murrayana, Tate	..	..	..	..	5	..	7	8	..	10	11	12	..	..	15	16	17	18	19	20	21	22	..	24	..	26	..	28	29	30?	..	32	..		
,, platyspira, T. Woods ..	..	..	..	..	..	..	..	..	..	10	11	12	..	..	..	..	17	..	..	20	21	22	..	24	..	26	..	..	..	..	..	32			
Mathilda transenna, T. Woods ..	..	..	..	..	..	..	..	..	..	10	..	12	..	..	15	16	17	..	19	..	..	22	..	..	..	..	..	..	29						
Mesalia stylacris, Tate	1	2	3	4	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Croydon Bore, S.A.
Risella alta Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	29						
Streblorhampus obesus, Tate ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22													
,, mirulus, T. and C. ..	..	..	..	..	..	..	..	..	..	10																									
Dissochilus eburneus, Tate	..	..	..	..	..	..	..	..	..	10																									
Fossarus refractus, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16	..	..	..	..	..	..	..	..	..	..	..	28							
Solarium acutum, T. Woods	..	..	..	..	..	..	..	..	..	10	11	..	13	..	15	16	17	..	..	20	21	22	..	..	..	26									
Heliacus wannonensis, T. Woods ..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	16	..	..	..	..	..	22	..	..	..	..	..	..	29						
Litiopa punctulifera, Tate	..	..	..	..	..	..	..	..	..	..	11																								
Rissoia stevensiana, T. Woods ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
,, tateana, T. Woods	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	..	..	..	24	..	..	..	28							
,, varicifera, T. Woods	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16	..	..	..	..	..	22	..	..	..	..	..	28							
Rissoina concatenata, T. Woods ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
Chileutomia subvaricosa, T. and C...	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	16	17	..	..	20	..	22													

Name of Fossil.	Group A.								Group B.																	Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.																S.A		Tas.	Vic.	Victoria.				S.A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Hipponyx antiquatus, Linn.	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	33?		
Crepidula unguiformis, Lam.	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	16	..	..	..	20	..	22	..	..	..	..	..	28	..	..	..	32			
,, dubitabilis, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22	..	..	..	26	..								
,, hainsworthi, Johnston	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
Calyptraea placuna, Tate	..	1	2																																
,, subtabulata, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
,, undulata, Tate	..	..	..	..	..	..	..	..	..	10	..	12	..	..	..	16	..	..	..	..	..	22	..	..	..	26	..	..	29						
Calyptropsis arachnoidea, Tate	..	1	2																																
,, turbinata, T. Woods	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	20?	..	..	..	24	..	..	..	..	29	..	31	..	..	..	Dean's Marsh, V.
,, umbilicata, Johnston	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
Capulus circinatus, Tate	..	..	2																																
,, danieli, Crosse	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	19																
Xenophora tatei, Harris	..	..	..	..	..	..	..	..	..	10	..	..	..	..	15	16	17	..	..	..	21	22													
Natica hamiltonensis, Tate	..	1	2	..	..	..	..	7	..	10	11	12	..	14	15	16	17	..	..	20	21	22	..	24	..	26	..	..	29	..	31?	32	..	..	Rivernook, V.
,, subnoæ, Tate	..	..	..	..	..	..	..	..	..	10	..	12	..	14	15	..	..	..	19	..	21	22	..	..	..	..	..	28	29						
,, gibbosa, Hutton	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	17	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	34	
,, vixumbilicata, T. Woods	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15	..	..	..	..	..	..	..	..	24	..	..	..	28	29						
,, subvarians, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	32			
,, wintlei, T. Woods	..	..	..	..	5	6	..	8	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	25?	..	..	28	29						
,, mooraboolensis, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	17																		
,, substolida, Tate	..	..	..	..	..	..	..	..	..	10	..	12	..	14	..	16	17	..	..	..	21	..	..	..	..	26	..	..	..	..	..	32			
,, arata, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	16	..	..	..	..	..	..	..	..	..	26									
,, limata, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	22	..	..	..	26	..	..	29						
,, polita, T. Woods	..	..	..	3	..	..	..	..	..	10	11	12	..	14	15	16	17	18	19	20	21	22	..	24	..	26	..	28	29	..	..	32			

Name of Fossil.	Group A.								Group B.																	Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.																S.A.	Tas.	Vic.	Victoria.				S.A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Natica perspectiva, Tate	..	..	..	..	..	..	..	..	..	10	11	..	..	14	..	..	..	..	..	..	..	22	..	..	..	..	..	..	..	..	..	32			
,, aldingensis, Tate	1	2	3	4	..	..	..	..	..	10	11	12	..	14	..	..	17	..	..	..	..	22	..	24	..	26	..	..	..	..	..	32			
,, subinfundibulum, Tate ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	18?	..	..	..	..	..	..	..	..	..	..	..	..	..	32?	33?		
,, cunninghamensis, Harris ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	29						
Euspira effusa, Tate	..	2	..	..	5	..	7																					28						
Sigaretus microstira, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	29						
Seguenzia radialis, Tate	..	..	..	..	..	..	..	..	..	10																									
Adeorbis laevis, Johnston	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
,, acuticarinata, T. Woods ..	..	..	..	..	..	..	..	..	..	10																									
Crosseia princeps, Tate	..	2	..	..	..	..	..	..	..	10	..	..	..	..	..	16	..	..	..	..	..	22	..	..	..	26	..	28							
,, sublabiata, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
,, semiornata, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	29						
Scalaria interstriata, Tate	..	..	..	..	..	..	..	..	..	10																									
,, basinodosa, Tate	.	..	..	..	..	..	..	..	..	10																									
,, prionota, Tate	..	..	..	..	..	..	..	..	..	10																									
,, hamiltonensis, Tate	..	..	..	..	..	..	..	..	..	10																									
,, echinophora, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	19	..	..	..	..	..	..	26									
,, foliosa, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	22	..	..	..	..	..	28							
,, orycta, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	29						
,, loxopleura, Tate	..	2																																	
,, bulbulifera, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	16																			
,, eritima, Tate	..	..	..	..	..	..	..	..	..	10																									
,, microrhysa, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	29						
,, transenna, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22													

Name of Fossil.	Group A.								Group B.															Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.														S. A.	Tas.	Vic.	Victoria.			S. A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Scalaria mariae, Tate	1	..	..	4																															
,, pleiophylla, Tate	1	2	..	..	..	6	..	8	..	..	..	12	..	..	..	16	..	..	19	..	..	22	..	..	..	..	..	..	29						
,, inornata, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28	29						
,, pachypleura, Tate	..	..	..	..	..	..	..	..	..	10																									
,, escharoides, Tate	..	..	..	..	..	..	..	..	..	10	..	12	..	..	..	..	..	..	..	..	..	22	..	..	..	..	..	..	29						
,, glyphospira, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	20															
,, mutica, Tate	..	..	..	..	..	..	..	..	..	10																									
,, cylindracea, Tate	..	..	..	..	..	..	..	..	..	10																									
,, gonioides, Tate	..	..	..	..	..	..	..	..	..	10																									
,, crebrelamellata, Tate ..	..	..	..	..	..	..	..	..	..	10																									
,, lampra, Tate	1																																		
,, polynema, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	29						
,, dolicho, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22													
,, leptalea, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	14																					
Eglisia triplicata, Tate..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	32			
Eulima danae, T. Woods	1	..	..	..	..	6	..	..	..	10	11	12	..	14	..	16	17	..	..	..	21	22	..	24	..	..	..	..	29						
,, johnstoniana, Tate	..	..	..	..	..	..	..	..	..	..	..	12	..	..	..	16	..	..	..	20	..	..	..	24	..	..	..	28	29						
,, acutispira, T. Woods	1	..	..	..	..	6	..	..	..	10	11	..	..	..	..	..	..	..	..	..	..	22	..	..	..	..	..	..	29						
Niso psila, T. Woods	..	..	..	..	..	..	..	..	..	10	11	12	..	14	..	16	17	..	19	20	21	22	..	24	..	26	..	..	..	..	..	32	..	..	Pitfield Plains, V.
Pyramidella sulcata, Johnston ..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28	..						
Isapis eothinos, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15	..	..	..	..	20	..	..	..	..	..	..	..	..	29						
,, elatus, Tate	..	..	..	..	..	..	..	..	..	10?	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	29						
Odontostomia roberti, T. Woods ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
,, microlirata, Johnston ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28	29?						
,, polita, Johnston ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							

Name of Fossil.	Group A.								Group B.																		Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.																S.A.		Tas.	Vic.	Victoria.				S.A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Odontostomia puteolata, Pritchard..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
Turbonilla pagoda, T. Woods ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
„ liraecostata, T. Woods ..	..	..	..	..	..	..	..	..	..	..	..	..	..	14	15	..	..	..	19	..	..	..	..	..	..	..	..	28	29						
Turbo etheridgei, T. Woods	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
„ hamiltonensis, Harris	..	..	..	..	..	..	.	..	..	10		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
„ atkinsoni, Pritchard	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
Collonia parvula, T. Woods	..	..	..	4	..	..	7	..	..	10	11	12	..	..	15	16	..	..	19	20	21	22	..	24	..	..	.	..	29						
Astralium flindersi, T. Woods ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28	..	..	..	..	33		
„ ornatissimum, T. Woods..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
„ crassigranosum, T. Woods	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
„ hudsonianum, Johnston ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	17?	..	..	..	..	..	..	..	..	..	..	28							
„ aster, T. Woods	..	..	..	..	..	..	..	8	..	10	11	12	..	..	..	16	17	..	.	20	..	22	..	.	..	..	..	28	..	30	31	..	33		
Trochus josephi, T. Woods	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	29						
Gibbula aequisulcata, T. Woods ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
„ clarkei, T. Woods	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
„ crassigranósa, T. Woods ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
Calliostoma atoma, Johnston ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
„ tasmanica, Johnston ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
„ blaxlandi, T. Woods ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
„ latecarina, Pritchard ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
Cantharidus alternatus, T. Woods ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
Thalotia exigua, T. Woods	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	18																	

Eocene to Oligocene—*continued.*

Name of Fossil.	Group A.								Group B.																	Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.															S.A.		Tas.	Vic.	Victoria.			S.A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Euchelus woodsii, Johnston	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	.	..	..	..	28							
Basilissa cossmanni, Tate	..	2																										28							
Infundibulum latesulcatum, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
Liopyrga sayceana, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	32	33		
Solariella strigata, T. Woods	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	16	..	..	..	..	..	..	..	..	..	..	..	..	29	..	..	32			
,, keckwickii, T. Woods	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
Delphinula imparigranosa, Pritchard	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
,, gibbuloides, T. Woods	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
,, tetragonostoma, T. Woods	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
Liotia lamellosa, T. Woods	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
,, roblini, Johnston	..	..	..	4	..	..	..	..	..	10	11	12	..	..	..	16	..	18	..	..	..	22	23	24	..	..	..	28	29	..	31	..	33		
Haliotis ovinoides, McCoy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	18	..	..	..	..	..	..	..	..	..	28	..	..	..				
,, mooraboolensis, McCoy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	18	..	..	..	..	..	..	..	..	..	..	..	..	..	..	33		
,, nævosoides, McCoy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	30	31	..	33		
Pleurotomaria tertiaria, McCoy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	18	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Fissurellidaca malleata, Tate	..	..	..	..	..	..	..	..	..	10	11	12	..	..	15	16	17	..	19	20	..	22	..	24	..	26	..	28							
,, laqueata, Tate	..	..	..	..	..	..	..	..	..	..	11	..	..	..	..	..	..	..	..	..	..	22													
Emarginula wannonensis, Harris	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	16	..	..	..	..	..	22	..	24											
,, transenna, T. Woods	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	22	..	..	..	..	..	28							
Subemarginula occlusa, Tate	..	..	..	..	..	..	..	..	..	10	11	12	..	..	..	16	17	..	..	20	..	22	..	24	..	..	27								

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	South Australia.				Victoria.				Victoria.																S. A.		Tas.	Vic.	Victoria.			S. A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Tugalia crassireticulata, Pritchard	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
Puncturella hemipsila, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
Scutum anatinum, Donovan	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	18																	
SCAPHOPODA.																																			
Dentalium bifrons, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15	..	..	..	..	..	..	..	..	..	..	..	..	..	29						
,, mantelli, Zittel	..	..	1	..	3	4	5	6	7	8	..	10	11	12	..	14	15	16	17	18	19	20	21	22	..	24	25	26	..	28	29	..	31	32	33	34	Dean's Marsh, Pitfield Plains, Rivernook, V.; Croydon Bore, S.A.
,, subfissura, Tate	..	..	1	..	3	..	5?	6	..	8	..	10	11	12	..	14	..	16	17	18	19	20	21	22	..	..	..	26	..	28	29	..	31	32	33	..	Pitfield Plains, V.; Croydon Bore, S.A.
,, pictile, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
,, largicrescens, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	32			
,, lacteolum, Tate	..	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	16	..	..	..	..	..	..	..	24	..	..	..	..	28	29?						
,, acriculum, Tate	..	..	..	..	..	..	..	..	..	..	10																									
,, australe, Sharp & Pilsbury	..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	16	17	..	19	..	..	..	..	..	..	..	..	..	..	29						
,, aratum, Tate	..	..	..	..	..	..	6	..	..	..	10	11	12	..	14	15	16	17	..	..	20	21	22	..	24	..	26	..	..	..	29	..	..	..	..	..	Pitfield Plains, V.; Ardrossan, S.A.
,, tatei, Sharp & Pilsbury	..	..	2																																
Cadulus mucronatus, Tate	..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	29						
LAMELLIBRANCHIATA.																																			
Ostrea hyotidoidea, Tate	..	..	1	..	..	..	..	..	..	..	10	..	12	..	..	..	16	17	..	..	..	..	22	..	24	..	26	..	28							
Gryphaca tarda, Hutton	..	..	1	..	..	..	5	6	7	8	..	10	11	..	..	..	..	16	..	..	..	..	..	..	..	..	..	..	..	..	29?	..	..	..	..	..	Australian Bight, S.A.
Placunanomia ione, Gray	..	..	..	..	..	..	..	..	..	..	10?	..	12	..	..	..	..	17?	18?	19	..	..	..	..	..	..	..	..	..	..	29	..	..	32			

Name of Fossil.	Group A.								Group B.																		Group C.		Group D.				Other Localities.
	South Australia:				Victoria.				Victoria.																S.A.		Tas.	Vic.	Victoria.			S.A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mount Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park; Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Placunanomia sella, Tate	1	..	..	..	..	..	..	..	..	10	11	12	13	14?	..	16	..	..	..	..	..	22	..	..	25	26	..	28	29						
Anomia? cymbula, Tate	1																																		
Dimya dissimilis, Tate	1	..	3	..	5	6	..	..	..	10	11	12	13	14	15	16	17	18	19	20	21	22	..	24	25	26	..	28	29	..	..	32	33	..	Pitfield Plains, V.; Croydon Bore, S.A.
,, sigillata, Tate	1	..	..	..	..	..	..	8																											
Spondylus gaederopoides, McCoy ..	1	..	..	..	5	.	..	8	..	..	11	..	13	..	..	..	..	18	..	..	..	..	..	24	..	..	..	28	29	..	..	..	..	..	Australian Bight, Yorke Peninsula, S.A.
,, pseudoradula, McCoy ..	..	..	..	..	..	..	..	8	..	10	11	12	..	..	15	16	17	..	19?	20	21	22	..	24	25	26	..	28	..	30	31	32	33		
,, murravicus, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26									
Plicatula ramulosa, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
Lima bassii, T. Woods	1	2	..	4	..	6	..	..	..	10	11	12	13	..	15	16	17	18	..	20	21	22	..	24	..	26	..	28	..	..	31	..	33	..	Croydon Bore, S.A.
,, linguliformis, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	17	..	..	20	..	22	..	..	..	..	..	28	..	30	31	..	33		
,, polyactina, Tate	..	2																																	
,, jeffreysiana, Tate	1	..	..	..	5	..	..	8	..	10	..	..	13	..	..	16	17	..	..	..	21	22	..	24	25	26	27	28	29	..	..	32	33		
,, polynema, Tate	..	2																																	
,, crebresquamata, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28	29						
Linea alticostata, Tate	..	2																																	
,, transenna, Tate	..	..	..	..	5	..	..	..	..	10	.	..	..	..	..	16	..	..	..	20	..	22	..	..	..	..	27	28							
,, multiradiata, Tate	1																																		
Pecten consobrinus, var., Tate ..	1	..	..	..	..	..	..	8	..	..	..	12	..	..	..	16	17	18	19?	20	..	..	..	24?	25	..	..	..	29						
,, subbifrons, Tate	1	..	..	..	..	..	..	..	9	..	..	..	..	..	..	16	17	..	..	..	..	..	23	..	25	..	27								
,, aldingensis, Tate	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Stansbury, S.A.
,, dichotomalis, Tate	..	..	..	..	..	..	..	..	..	..	11	..	..	..	..	..	..	..	..	20	21	22	..	..	..	..	..	..	..	..	..	..	..	..		
,, eyrei, Tate	1	..	..	..	..	6	..	..	..	..	..	..	..	..	..	..	17	18	..	..	..	..	..	..	25	..	..	..	..	..	..	..	..	..	Croydon Bore, S.A.

Name of Fossil.	Group A.								Group B.																		Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.																S.A.		Tas.	Vic.	Victoria.			S.A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Pecten flindersi, Tate	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	Ardrossan, Croydon Bore, S.A.
,, foulcheri, T. Woods	..	..	3?	..	..	6	..	8	9	10	..	12	13	..	15	16	17	18	..	20	..	22	23	24	25	26	27	28	29	30	..	..	..	..	Crawford River, Warrnambool, V.
,, gambierensis, T. Woods ..	..	..	..	..	..	..	..	..	9	..	..	12	..	..	..	..	17	..	..	..	..	..	23	24	25	..	27	..	29	..	..	..	..	..	Apsley, Warrnambool, V.; Border Town, S.A.
,, murrayanus, Tate	..	..	..	..	..	..	..	..	..	10	..	..	13	..	..	16	17	..	..	..	..	22	..	24	25	26	..	..	29						
,, peroni, Tate	..	1	..	..	5	..	..	8	..	..	..	..	..	..	..	..	..	..	19	..	..	..	..	..	25	..	..	..	29						
,, polymorphoides, Zittel ..	..	..	..	..	..	..	..	..	9	10	11	12	..	..	..	16	17	..	..	..	..	..	..	..	25	26	..	28	29	..	31	32	..	..	Apsley, V.; Border Town, S.A.
,, sturtianus, Tate	..	..	..	..	..	..	..	..	9	10	..	..	..	..	15?	16	17	..	..	..	..	22	..	24	25	26	27	..	29	..	..	..	..	..	Crawford River, Apsley, V.
,, hochstetteri, Zittel	1	2	..	..	..	..	..	8	..	10	..	..	13	14	..	16	..	..	..	..	..	..	..	..	..	26	27	28	29	..	31	..	..	..	Stansbury, Ardrossan, Croydon Bore, S.A.; Crawford River, Airey's Inlet, V.
,, yahlensis, T. Woods	..	..	..	..	..	..	..	8	9	10	11	12	13	14	..	..	17	..	19	20	..	22	..	24	25	26	27	28	29	..	..	32	..	34	
Amussium zitteli, Hutton	1	..	3	..	5	6	..	..	..	10	11	12	..	14	15	16	17	..	..	20	21	22	..	24	..	26	27	28	29	..	..	32	..	..	Mount Mary, V.; Border Town, S.A.
,, lucens, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22	..	..	..	..	..	..	29						
Hinnites corioensis, McCoy	1	..	..	..	..	..	..	8	..	10	..	..	13	..	..	..	17	18	19	..	..	..	..	24	25	26	..	28	29	..	..	..	..	34	
Pteria nasuta, Tate	..	2																																
Margaritifera crassicardia, Tate ..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	17	..	..	..	..	..	..	..	..	26								
Vulsella lævigata, Tate .. .	1																																	
Pinna cordata, Pritchard	..	..	..	..	..	..	..	8	..	..	..	..	..	..	..	..	17																		
Philobrya bernardi, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	16	..	..	..	20	..	22	..	24											

Name of Fossil.	Group A.								Group B.																		Group C.		Group D.					Other Localities.
	South Australia.				Victoria.				Victoria.																S.A.		Tas.	Vic.	Victoria.				S.A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Philobrya prænuntia, Tate	..	..	..	..	..	6																												
Septifer fenestratus, Tate	..	..	..	..	..	..	..	..	..	10	..	12	..	..	..	16	17	..	19	20	..	22	..	24										
Modiola adelaidensis, Tate	..	2																																
,, prærupta, Pritchard	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22	..	..	..	..	..	..	29						
,, pueblensis, Pritchard	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..							
Crenella globularis, Tate	1	2	3	..	..	..	..	..	..	10	..	..	..	..	15	16	17	..	19	..	..	22	..	..	..	26	..	28	29						
Modiolaria singularis, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	15	16	..	..	19	20	21	22	..	24	..	..	..	..	29						
,, arcacea, Tate	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Ardrossan, S.A.
,, semigranosa, Tate	..	2																																
,, corioensis, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	19																
,, balcombei, Pritchard ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22													
Arca pseudonavicularis, Tate ..	1	2	..	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
,, equidens, Tate	1	2	..	..	..	..	7	8																										
,, dissimilis, Tate	1	2	..	..	..	..	7																											
,, capulopsis, Pritchard ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	17	..	19	20	..	22													
Barbatia crustata, Tate	..	..	..	..	..	..	..	..	..	10	11	..	..	14	15	16	17	18	19	..	..	22	..	24	..	26									
,, celleporacea, Tate	..	..	3	..	..	..	..	..	..	10	11	..	..	..	..	..	17	..	19	..	21	22	..	24	..	..	..	28	..	..	31	32	33		
,, limatella, Tate	1	2	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
,, consutilis, Tate	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	16	..	18	..	..	..	..	..	..	..	..	..	..	..	..	..	32			
,, simulans, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	16	..	..	..	..	..	22	..	24	..	..	..	..	29	..	31	..	33		
,, *pumila, Tate	..	..	..	..	..	..	..	..	..	10	11	..	..	..	15	16	17																		
Plagiarca cainozoica, Tate	1	2	..	4	5	6	..	8	..	10	11	12	..	14	..	16	17	..	19	20	21	22	..	24	..	26	..	..	29	..	31	..	..	..	Cape Patton, V.?

* Quoted by Tate as Miocene, Muddy Creek; but I regard it as Eocene only.—J. D.

Name of Fossil.	Group A.								Group B.																	Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.																S.A.	Tas.	Vic.	Victoria.			S.A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Cucullæa corioensis, McCoy	..	..	..	..	..	..	..	..	..	10	11	12	..	14	15	16	17	18	19	20	21	22	..	24	..	26	27	28	29	..	..	32	33	34	Pitfield Plains, Rivernook, V.; Pinnaroo, S.A.
,, adelaidensis, Tate	..	2																																
Glycymeris cainozoica, T. Woods ..	1	2	3	..	..	6	..	8	..	10	..	12	..	14	15	16	17	18	..	..	..	22	..	24	25	..	27	28	29	..	31	32			
,, laticostata, Q. and G. ..	..	..	..	..	5	6	7	8	..	10	11	12	13	14	15	16	17	..	..	20	21	22	..	24	..	..	..	28	29	..	31	32	..	..	Mount Mary, V.
,, subtrigonalis, Tate ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26									
,, lenticularis, Tate ..	..	2																																
,, convexa, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	34	
Limarca angustifrons, Tate	1	2																																
Limopsis insolita, G. B. Sow. ..	1	..	3	4	5	6	7	8	..	..	..	..	..	..	15	..	..	18	..	..	..	..	..	..	..	..	..	..	29						
,, morningtonensis, Pritchard ..	..	..	..	..	..	..	..	..	..	10	11	12	..	..	..	..	17	..	..	..	21	22	..	24											
,, forskali, Adams	..	..	..	..	..	..	..	..	..	10	11	12	..	14	15	16	17	18	19	20	21	22	..	24	..	26	..	28	29	..	31	32	33		
,, * aurita, Brocchi?	..	..	..	..	..	..	..	..	..	..	..	..	13	..	..	16	..	..	19	..	..	..	..	..	..	..	..	28	..	..	..	32			
,, multiradiata, Tate	1	2	..	4																														
Nucula tenisoni, Pritchard	..	..	3	4	..	6	..	..	..	10?	11	12	..	14	15	16	17	..	19	20	21	22	..	24	25?	26	..	28	29	..	..	32	33?		
,, atkinsoni, Johnston	..	..	..	..	..	..	..	..	..	10	11	12	..	..	15	16	17	..	19	20	21	22	..	24	..	26	..	28	29	..	..	32			
,, semistriata, Tate	1	2	..	..	..	..	..	..	..	..	..	..	..	..	15	..	..	..	19	20														
,, morundiana, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	14	..	16	17	..	19	20	..	22	..	..	..	26	..	..	29						
,, fenestralis, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28	..	..	..	32			
Leda vagans, Tate	..	..	..	..	..	..	..	..	..	10	11	12	..	14	15	16	17	..	19	..	21	22	..	24	..	26	..	..	29	..	31?	32			
,, woodsii, Tate	..	..	..	..	..	..	..	..	..	10	..	12	..	14	..	16	..	..	..	..	21?	22	..	24	..	26	..	28	29	..	..	32			
,, apiculata, Tate	1	2	3	4	..	6	..	..	..	10	11	12	..	..	15	16	17	..	19	20	..	22	..	..	25	..	..	28	29	..	..	32			
,, † acuticauda, Pritchard ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22													
,, fontinalis, Pritchard	..	..	..	..	..	6	..	8	..	10	..	12	..	..	15	16	..	..	..	20	..	..	..	..	..	..	..	28	29	..	..	32			
,, leptorhyncha, Tate	1	2	3	4	..	6																												

* Probably a synonym of *L. morningtonensis*. See Pritchard, Roy. Soc. Vict., Vol. XIV. (1901), pp. 24, 25.
† Probably a synonym of *L. apiculata*.

Name of Fossil.	Group A.								Group B.																	Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.															S. A.		Tas.	Vic.	Victoria.				S.A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Leda huttoni, T. Woods	1	2	3	4	..	..	..	..	..	10	11	..	..	14	15	16	..	..	19	20	21	22	..	..	..	..	..	28	29	..	..	32	..	..	Cape Patton, V.?
„ prælonga, Tate	..	..	..	..	..	..	..	..	..	..	..	12	..	..	..	..	..	..	..	20	..	22	..	..	..	..	..	28	..	..	..	..	..	..	
„ obolella, Tate	..	..	..	..	..	6	..	..	..	10	11	..	..	..	..	16	17	..	19	20	21	22	..	24	..	26	..	..	29						
„ planiuscula, Tate	..	2	..	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28	29	..	..	..	..	..	Cape Patton, V.?
„ crebrecostata, T. Woods ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	32	33	..	
„ acinaciformis, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Poroleda lanceolata, Tate	..	..	..	..	..	..	..	..	..	..	11	..	..	..	..	..	..	..	..	..	..	22	..	..	..	..	..	..	..	..	..	..	..	..	
Trigonia subundulata, Jenkins ..	..	..	3	4	..	..	..	8	..	10	..	12	..	..	..	16	..	..	19	..	..	..	..	24	25	..	..	28	29	..	..	..	..	..	Gawler, S.A.; Mount Mary, V.
„ tubulifera, Tate	..	..	..	..	..	6	..	..	..	10	11	12	..	14	15	16	17	..	19	..	21	22	..	24	..	..	..	..	29						
„ intersitans, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	18	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	34	
„ acuticostata, McCoy ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	32	..	34	
Unio tamarensis, Eth. fils	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Launceston, T.
„ johnstoni, Eth. fils	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Launceston, T.
Mytilicardia alata, Tate	1	2	..	..	..	..	..	..	..	10?	..	12	..	..	..	..	..	..	..	..	..	22	..	..	..	..	..	..	29						
„ compta, Tate	..	..	..	..	..	..	..	..	..	10?	..	..	..	..	..	..	..	..	..	..	..	..	..	24	..	..	..	..	..	..	..	..	..	34	
„ platycostata, Johnston	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
„ curta, Tate	..	2																																	
Cardita trigonalis, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
„ compacta, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	17	..	..	..	..	22	..	24	..	..	..	..	..	..	..	32			
„ solida, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	32			
„ * calva, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	32	..	34	Cooke's Plains, S.A.
„ murrayana, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26									
„ scabrosa, Tate	..	..	..	..	..	..	..	..	..	10	11	12	..	..	..	16	17	18	19	20	..	22	..	..	..	26	..	28							
„ gracilicostata, T. Woods ..	..	..	..	..	..	..	..	..	..	10?	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
„ latissima, Tate	1	2	..	4																															
„ † spinulosa, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	32			

* Quoted by Tate from Eocene of Muddy Creek; it should be from the Miocene.
† Quoted in error from Mornington by Tate.

Name of Fossil.	Group A.								Group B.																		Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.															S.A.			Tas.	Vic.	Victoria.				S.A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Cardita polynema, Tate					5	6	..	8	..	..	11	12	..	..	15	16	17	..	19	20	21	22	..	24	25?	..	..	..	29	..	31	..	33?	..	Cape Patton, V.?
,, delicatula, Tate					..	6	7?	8	..	10	11	12	..	14	15	16	17	..	19	20	21	22	..	24	..	26	..	..	29	..	..	32?	33?	..	Pitfield Plains, V.
,, maudensis, Pritchard					..	..	..	..	..	..	..	..	..	..	..	..	..	18	..	..	..	..	..	..	..	..	..	28						
,, tasmanica, Tate					..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..							
Carditella rugosa, Tate		2		4	..	..	..	..	..	..	..	..	..	..	15																			
,, radiata, Tate	1	2	..	..	..	6	..	8	..	..	..	..	..	..	15	..	..	..	..	..	..	..	..	..	..	..	..	..	29						
,, lamellata, Tate	1	2	..	4	..	..	..	..	..	..	..	..	..	..	15	..	..	..	..	..	21?	..	..	..	..	..	..	28	29?						
,, polita, Tate																16									26						32			
,, regularis, Pritchard																						22												
Crassatellites oblonga, T. Woods												12											24?				28				32		34	
,, dennanti, Tate										10	11	12			15		17			20		22		24										
,, * aphrodina, T. Woods		2																									28							
,, communis, Tate	1	2	3	4	5	6	7	8	..	10	11	12	13	14	15	16	17	..	19	..	21	22	..	24	..	26	..	28	29						
,, corrugata, Tate	1																																	
,, abbreviata, Tate											11															26			29					
Lepton crassum, Tate																										26								
Mysella sericea, Tate																			19												32			
Cardium pseudomagnum, McCoy															15														29					
,, moniletectum, Tate		2																																
,, septuagenarium, Tate																												28						Murray Plain, S.A.
,, victoriae, Tate								8	..	10	..	..	..	..	15	..	..	..	..	..	..	..	..	24	..	..	27	..	..	..	..	..	..	..	Apsley, V.?
,, cuculloides, Tate									..	10	..	..	..	..	..	..	..	..	..	..	..	22												
Protocardium antisemigranulatum, McCoy									..	10	..	..	..	..	..	..	17	..	..	..	..	..	..	..	..	..	..	..	29					
,, hemimeris, Tate	1	2	..	..	..	..	..	..	..	10	..	12	..	..	..	16	..	..	19	..	..	22	..	..	..	..	..	28	..	..	..	..	..	34	Cooke's Plains, S.A.

* Var. of *C. oblonga.*

Name of Fossil.	Group A.								Group B.																Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.														S. A.		Tas.	Vic.	Victoria.			S. A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
* Chama lamellifera, T. Woods ..	1	2	..	..	..	..	..	..	..	10	11	12	..	..	15	16	17	18	..	20	21	22	..	24	..	..	..	28	29	30	31?	..	33		
Meretrix tenuis, Tate	1	2	3	4	..	6	..	8	..	..	..	..	..	..	..	..	..	..	..	..	..	22	..	..	..	..	..	28	29						
,, eburnea, Tate	..	..	..	..	..	..	7	..	..	10	11	12	..	14	15	16	17	..	19	20	21	22	..	24	..	26	..	28							
,, submultistriata, Tate ..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	24	..	..	..	28	29	..	..	32	..	34	
Chione allporti, T. Woods	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	24	..	..	..	28	..	..	..	32			
,, multitæniata, Tate	1	2	..	..	..	6	..	..	..	..	..	..	..	..	15	..	..	..	..	..	..	..	..	..	..	..	..	28	29	..	..				
,, dimorphophylla, Tate ..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	24?	..	26	..	28	..	..	..	32	33	34	
,, hormophora, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
,, cainozoica, T. Woods	1	2	3	4	5?	6	..	8	..	10	..	12	..	..	15	16	17	18	19	20?	21	22	..	24	25	26	..	28	29	30	31	..	33		
,, subroborata, Tate ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	32			
,, propinqua, T. Woods ..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	24	..	..	..	28	..	..	..	32	..	..	Dean's Marsh, V.
,, corioensis, Tate	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..	..	19																
,, halli, Pritchard ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	21	..	..	..	25	..	..	..	29						
Dosinia johnstoni, Tate ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15	..	..	..	..	..	..	22	..	..	..	.	..	28	..	..	..	32	33		
,, imparistriata, Tate	..	2	3																															
,, densilincata, Pritchard ..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	16	17	18	..	..	..	22	..	24	25	..	..	..	29						
Diplodonta subquadrata, Tate ..	..	..	..	..	..	..	..	..	..	10	..	12	..	..	..	16	..	..	..	..	..	22	..	..	..	..	..	28	29						
,, suborbicularis, Tate ..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	16	..	..	..	..	..	..	..	..	..	..	..	28	29	..	..	32			
Cryptodon mactræformis, Tate ..	.	..	..	..	..	..	..	..	..	10																									
Donax dixoni, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	16	..	18																	
Gari hamiltonensis, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28	..	..	..	32			
,, † æqualis, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	22	..	24	..	26	..	28	29						
Solenocurtus ellipticus, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26									

* Quoted by Tate from older and younger beds at Muddy Creek. I have only found it in the older (Eocene).—J. D.
† Quoted by Tate from upper beds at Muddy Creek; it occurs also, and more abundantly, in the lower.—J. D.

Name of Fossil.	Group A.								Group B.																		Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.																S.A.		Tas.	Vic.	Victoria.				S.A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Solenocurtus legrandi, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
,, dennanti, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	15	..	..	..	..	20	..	..	..	..	..	..	..	..	29						
Mactra axiniformis, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	29						
,, howchiniana, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	16	17	..	..	..	21	22	..	24	25	26	..	28	29	..	..	32			
* Zenatiopsis angustata, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	24	..	26	..	28	..	..	..	32	33		
Corbula ephamilla, Tate	..	..	..	..	..	5	..	..	..	10	11	12	..	14	15	16	17	..	19	20	21	22	..	24	..	26	..	28	29	..	..	32	33	..	Pitfield Plains, V.
,, pyxidata, Tate	..	1	2	3	4	..	6	..	8	10	11	..	..	14	15	16	17	18	..	20	21	22	..	24	..	..	..	28	29	..	..	32	33	..	Croydon Bore, S.A.
Panopæa agnewi, T. Woods	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
,, orbita, Hutton	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	24	..	26	..	28	29	..	..	..	..	..	Rivernook, V.
Saxicava arctica, Linn.	..	1	..	..	..	6	..	..	..	10	..	..	..	..	..	16	..	..	..	..	..	22													
Capistrocardia fragilis, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16	..	..	..	..	21	22	..	..	..	26									
Jouannetia cuneata, Tate	..	..	2																																
Teredo heaphyi, Zittel	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	16	..	..	..	.	..	..	..	..	..	26									
Lucina leucomomorpha, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	16	..	18	..	..	..	..	..	..	..	..	..	..	29						
,, projecta, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	18	..	..	..	..	..	..	..	..	..	..	29						
,, affinis, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	32			
,, araneosa, Tate	..	..	..	..	..	..	..	..	..	10	..	..	..	14																					
,, despectans, Tate	..	..	3	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	32			
,, fabuloides, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26									
,, planatella, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
Tellina cainozoica, T. Woods	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22	..	..	..	..	..	28							

* Does not occur in the lower (Eocene) beds at Muddy Creek.—J. D.

Name of Fossil.	Group A.								Group B.																	Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.																S.A.			Victoria.					
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Campertown.	Birregurra.	Shelford.	Lower Moorabool.	Mande.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Tellina porrecta, Tate	1	2	3	4																								28	29						
,, masoni, Tate								8		10												12													
,, æquilatera, Tate														14															29			32			
,, stirlingi, Tate										10						16																			
Semele vesiculosa, Tate										10	11					16	17				21	22													
,, krauseana, Tate										10	11					16					21	22				26						32?			
Cuspidaria subrostrata, Tate										10											21?	22		24											
,, adelaidensis, Tate			2																																
,, latesulcata, Tate			2																																
Myadora tenuilirata, Tate	1							8		10	11	12		14	15	16	17	18	19	20	21	22		24		26			29			32			Ardrossan, S.A.
,, australis, Johnston										10						16								24?				28	29						
,, lamellata, Tate	1	2	3	4		6		8														22						28				32			
,, brevis, Sow.																																			
Myochama trapezia, Pritchard										10							17			20		22							29						
,, rugata, Tate											11																		29?						
* Chamostrea albida, Lam.																												28							
Verticordia rhomboidea, Tate																16										26									
,, pectinata, Tate										10																									
,, excavata, Pritchard																						22													
Anatina dolabræformis, Tate																				20															
Thracia perscabrosa, Tate			2							10																						32			
Phragmorisma anatinæformis, Tate																												28	29						

* [This shell belongs to the fossil fauna of Table Cape; many examples were collected *in situ* by Professor Tate and myself in 1895.—J.D.]

Name of Fossil.	Group A.								Group B.																	Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.															S.A.		Tas.	Vic.	Victoria.				S.A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Pholadomya australica, Tate ..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	17																		
Aspergillum liratum, Tate	..	2	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26	..	28?							
PALLIOBRANCHIATA.																																			
Terebratula vitreoides, T. Woods ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	23?	..	..	..	..	28							
,, tateana, T. Woods ..	1	2	..	..	..	..	..	..	..	10	11	..	.	..	..	16	17	18?	19	..	..	22	23?	24	25	26	..	28	29						
,, aldingæ, Tate	1	..	..	..	..	6?	..	8	..	..	..	..	..	..	..	..	..	18?																	
,, subcarnea, Tate	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Australian Bight, S.A.
Magellania corioensis, McCoy ..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	15?	..	17	..	19	..	..	22	..	..	25	26	..	..	29						
,,? crouchii, T. Woods ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	27								
,,? divaricata, Tate	..	..	..	..	..	..	..	8	..	..	..	12	..	..	..	..	17	..	..	20	..	..	..	..	..	26	..	..	29	..	..	..	..	..	..	Bordertown, S.A.
,,? fimbriata, Tate	1	..	..	..	..	6																													
,, furcata, Tate	1	..	..	..	..	6	..	8	..	..	..	..	13	..	15?	..	17	18	..	20	..	..	..	..	25	.	..	..	..	..	..	..	..	..	..	Port Vincent, S.A.
,, garibaldiana, Davidson ..	..	..	..	..	..	..	..	8	9	10	11	..	..	..	15	16	17	18	19	..	21	22	23	24	25	26	..	28	..	30	31	..	33	..	Apsley, Snowy R., V.; Pinnaroo, Croydon Bore, S.A.
,, grandis, T. Woods ..	..	..	..	..	..	..	..	8	9	..	11	12	13	..	..	16	..	18	..	..	..	22	..	24	25	26	27	28	..	..	..	..	..	..	..	Pinnaroo, S.A.
,, gravida, Suess	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Edithburg, S.A.
,, insolita, Tate	1	2	..	..	5	6	7	8	9	10	11	..	13	14	15	..	17	18?	19	..	..	22	..	24	25	..	27	..	29	..	..	32	33	..	Crawford River, Warrnambool, V.
,, johnstoniana, Tate ..	1																																		
,, macleani, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	17	..	..	..	..	..	..	..	..	26									
,, pectoralis, Tate	1	..	..	..	..	..	..	8	..	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Happy Valley, S.A.
,, sufflata, Tate	1	..	..	..	..	..	..	8?																											
,, tateana, Tate	1	..	..	..	..	..	..	8	..	10	11	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Yorke Peninsula, S.A.
,, taylori, Etheridge ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26									
,, vincentiana, Tate ..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Port Vincent, S.A.

Name of Fossil.	Group A.								Group B.																	Group C.		Group D.					Other Localities.
	South Australia.				Victoria.				Victoria.															S.A.		Tas.	Vic.	Victoria.				S.A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Gherard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Terebratulina catinuliformis, Tate ..	1	..	3	4	..	..	..	8	..	10	..	12	13	..	15	16	17	..	..	..	..	..	..	..	25	26	27	28	29	..	..	32	..	..	Bordertown, Port Vincent, Croydon Bore, S.A.
,, lenticularis, Tate ..	1	2	..	4	..	..	..	.	..	10	..	..	..	..	..	..	..	..	19	..	..	..	..	..	25	26	..	..	..	..	..	..	..	..	Ardrossan, S.A.
,, scoulari, Tate	1	2	3	4?	5	..	..	..	..	10	11	12	..	14	..	16	17	18	19	20	21	22	23	24	25	26	..	28	29?	30	..	..	..	..	Kangaroo Is., S.A.
,, triangularis, Tate ..	1	..	..	..	..	6	..	8	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Australian Bight, S.A.
Terebratella furculifera, Tate ..	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Australian Bight, S.A.
,,? pentagonalis, Tate ..	1																																
,, tepperi, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Ardrossan, S.A.
,, woodsii, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28	29	..	..	32	..	..	Bordertown, S.A.; Portland, V.
Magasella compta, Sow.	..	..	..	..	..	..	..	8	9	10	11	12	13	14	..	..	17	18	..	..	..	..	..	24	25	26	..	..	29	..	..	32	..	..	Portland, Apsley, V.; Yorke Peninsula, Pinnaroo, S.A.
,, deformis, Tate	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Kangaroo Is., S.A.
,, lunata, Tate	..	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	..	..	..	..	..	26	..	..	..	..	..	..	..	..	Croydon Bore, S.A.
,, tenisoni, T. Woods ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	27	..	..	..	..	..	..	..	Portland, V.
,, woodsiana, Tate	1	..	..	..	..	..	..	8	..	10	11	..	..	14	15	..	17	..	..	..	..	22	..	24	..	26	27	28	..	..	..	32	..	..	Bordertown, S.A.; Snowy R., Crawford R., Warrnambool, V.
Thecidium australe, Tate	..	..	..	..	..	..	..	..	..	10																								
Rhynchonella squamosa, Hutton ..	1	..	..	..	..	..	..	8	..	10	..	12	13	..	..	..	17	18	..	..	..	..	23	..	25	26	..	28	..	30	..	..	..	..	Ardrossan, S.A.
,,? tubulifera, Tate ..	..	..	..	..	..	..	..	..	..	10																								
Crania quadrangularis, Tate	..	..	..	..	..	..	..	8	..	10	..	..	..	..	..	..	17	18	..	..	..	..	..	..	25									
CRUSTACEA.																																		
Balanus amphitrite, Darwin	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
Lepas pritchardi, Hall	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	25	..	..	..	29						

Eocene to Oligocene—*continued.*

Name of Fossil.	Group A.								Group B.																					Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.																S.A.		Tas.	Vic.	Victoria.				S.A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Gerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
ANNELIDA.																																			
Ditrupa wormbetiensis, McCoy ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Stawell, V.
ECHINODERMATA.																																			
Cidaris australiæ, Duncan	1	..	..	..	5	6	7	8	9	..	11	..	..	..	..	..	..	..	..	..	..	..	23	..	..	..	..	..	29?	..	..	32	..	..	Apsley, V.
Salenia tertiaria, Tate	1	..	..	4?	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Australian Bight, S.A.
,, globosa, Tate	1																																		
Cœlopleurus paucituberculatus, Gregory	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26									
Paradoxechinus novus, Laube ..	1	..	..	..	..	..	..	8	9	10	..	..	..	..	..	16	..	..	..	..	..	..	23	24	..	26	..	..	29	..	..	32			
Psammechinus woodsii, Laube ..	1	..	3?	..	..	..	..	..	9	..	..	..	13	..	..	..	17	..	..	..	..	..	..	..	25	26	27	..	29	..	..	..	33	..	Apsley, V.; Bordertown, S.A.
Fibularia gregata, Tate	1	..	3	..	..	..	..	..	..	10?	..	..	..	..	..	..	..	18	..	..	..	..	..	..	..	26	..	28	29	..	..	..	..	..	Croydon Bore, Yorke Peninsula, S.A.
Scutellina patella, Tate	1	..	3	4	..	..	..	8	9	10	..	12	13	..	..	..	17	18	19	..	..	..	23	..	25	26	27	..	29	..	..	..	..	..	Bordertown, S.A.
,, morgani, Cotteau	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	27								
Sismondia murravica, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26									
Clypeaster gippslandicus, McCoy ..	..	..	..	..	..	..	..	..	9	10	11	..	..	..	..	..	17	..	19	..	..	..	..	24	..	26	..	..	..	..	..	32	..	..	Lake Tyers, V.
Monostychia australis, Laube ..	1	..	3?	..	..	..	..	..	9	..	..	..	..	..	..	..	17	18	..	..	..	..	23	24	..	26	27	..	29	..	..	32	..	..	Apsley, Airey's Inlet, V.
,, etheridgei, Johnston ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
Echinobrissus vincentinus, Tate ..	1	..	..	..	..	..	..	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	29	..	..	..	..	..	Ardrossan, S.A.
,, australiæ, Duncan ..	..	..	..	..	..	6	..	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	25										

Name of Fossil.	Group A.								Group B.																Group C.		Group D.					Other Localities.
	South Australia.				Victoria.				Victoria.															S. A.			Victoria.				S.A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Tas. Table Cape.	Vic. Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Cassidulus longianus, Gregory ..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Kangaroo Is., S.A.
,, florescens, Gregory ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	25	..	..	..	29	..	..	..	..	..	Eagle Pt., V.
Catopygus elegans, Laube	..	..	..	..	..	..	..	..	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26	27	..	..	..	..	..	..	..	Apsley, V.
Pygorhynchus vassali, Wright ..	..	..	..	..	..	..	..	..	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26									
Echinolampas gambierensis, T. Woods	..	..	..	..	..	..	..	..	9	10	..	..	..	..	..	..	..	..	..	..	..	..	..	24	..	26	27	..	..	..	..	..	..	..	Apsley, V.
,, posterocrassus, Gregory	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	25	..	..	28?	29						
,, morgani, Cotteau ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	27								
Plesiolampas rostratus, Tate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
Holaster australiæ, Duncan	..	..	..	..	5	6	..	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	25	26	27	..	29	..	..	..	..	..	R. Onkaparinga, S.A.
Cardiaster tertiarius, Gregory ..	1																																	
,, latecordatus, Tate ..	1																																	
Hemiaster planedeclivis, Gregory ..	1	..	..	..	..	..	..	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26	..	..	..	..	..	..	..	..	Bordertown, S.A.
Pericosmus compressus, McCoy ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26	..	..	29						
,, gigas, McCoy ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	17	..	19	..	..	..	..	..	..	26									
,, nelsoni, McCoy ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	25										
Linthia antiaustralis, Tate ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26									
Schizaster abductus, Tate ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16	..	18	..	..	..	..	..	..	..	26	..	28							
Cyclaster archeri, T. Woods ..	..	..	..	..	..	..	..	..	9	..	..	..	13	..	..	..	..	..	..	..	..	..	..	..	25	26	27	28	29						
Maretia anomala, Duncan	1	..	..	..	..	..	..	..	..	..	11																								

Name of Fossil.	Group A.								Group B.																		Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.														S.A.				Tas.	Vic.	Victoria.			S.A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Eupatagus wrightii, Laube	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26									
„ murrayensis, Laube	..	..	..	..	..	..	..	..	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	24	25	26	27	28?	29						
„ rotundus, Duncan	..	..	..	..	..	..	..	..	..	..	11	..	13	..	..	..	..	18	..	..	..	..	..	..	25	26	..	..	29						
„ laubei, Duncan	..	..	..	..	..	..	..	8?	..	..	11	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	29						
Galeraster australiæ, Cotteau	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	27								
Lovenia forbesi, T. Woods	..	..	1	..	..	..	..	8	9	..	..	..	13	..	..	16	..	..	..	20	..	..	..	..	..	..	27	28	29	..	..	32	..	..	Portland, Apsley, Warrnambool, V.; Bordertown, S.A.
Pentacrinus stellatus, Hutton	..	..	..	..	..	..	..	8																										
ACTINOZOA.																																		
Desmophyllum joannense, Dennant	..	..	..	..	5																													
Holcotrochus scriptus, Dennant	..	..	..	..	..	..	..	..	..	10																								
Flabellum candeanum, Edw. and H.	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	16	..	..	..	..	21	..	..	24	..	..	..	..	..	..	..	..	..	..	Rivernook, V.
„ distinctum, Edw. and H.	1	..	3	..	5	6	7	..	..	..	..	..	..	..	..	16	..	..	..	..	..	..	..	..	..	..	..	28	29	..	..	..	..	..	Cape Patton, V.?
„ gambierense, Duncan	..	..	3?	..	5	..	..	8	..	10	11	12	..	14	..	16	17	..	19	20	21	22	..	24	..	..	..	28	29						
„ fastigatum, Dennant	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	29						
„ duncani, T. Woods	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16	..	..	..	20	..	..	..	24	..	..	..	28							
„ victoriæ, Duncan	..	..	..	..	..	6	..	8	..	10	11	12	..	14	15	16	17	..	19	20	21	22	..	24	..	26	..	28	29						
Placotrochus elongatus, Duncan	..	..	..	..	5	..	..	8	..	10	11	12	..	14	15	16	17	18	19	..	21	22	..	..	25	..	..	28	29	..	..	32			
„ deltoideus, Duncan	..	2	3	..	..	6	..	8	..	10	11	12	..	14	15	16	17	..	19	26	21	22	..	24	..	26	..	28	29	..	..	32			
„ elegans, T. Woods	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	19?																
„ corniculatus, Dennant	..	2																																	

Eocene to Oligocene—*continued.*

Name o fFossil.	Group A.								Group B.																	Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.															S. A.		Tas.	Vic.	Victoria.				S. A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Platytrochus vacuus, T. Woods ..	..	..	..	..	..	..	..	8	..	10																		..							
,, airensis, Dennant ..	..	..	..	..	..	..	..	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	29						
,, curvatus, Dennant ..	..	..	..	..	..	..	..	8	..	10	..	12	..	..	..	16	17	..	..	20	..	..	..	..	..	..	..	..	29						
,, hastatus, Dennant ..	..	..	..	..	..	..	..	..	..	10	..	12	..	..	..	16	..	..	..	..	..	..	..	..	..	..	..	..	29						
Sphenotrochus australis, Duncan ..	..	..	..	..	..	..	..	..	..	10	11	12	..	14	..	16	17	18	..	..	21	22	..	24	25	26	..	..	29						
,, emarciatus, Duncan * ..	..	..	3	..	..	..	..	..	..	10	11	12	..	14	15	16	17	18	19	20	21	22	..	24	..	..	..	28	29	..	..	32	..	..	Pitfield Plains, V.
,, alatus, T. Woods ..	..	..	..	..	..	..	..	..	..	10	11	12	..	14	15	16	17	18	19	20	..	22	..	..	..	26	..	28	29	..	..	..	..	..	Mt. Mary, Pitfield Plains, V.
Conocyathus cyclostatus, T. Woods ..	..	..	..	..	..	..	..	..	..	10	..	12?	..	..	..	16	17																		
,, scrobiculatus, Dennant ..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	15	16	17	..	19	..	..	..	..	24	..	..	..	..	29						
Trochocyathus heterocostatus, T. Woods	1	2																																
Trochocyathus victoriæ, Duncan ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Rivernook, V.
,, meridionalis, Duncan ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Rivernook, V.
Deltocyathus viola, Duncan ..	..	..	3	..	..	6	..	..	..	10	..	..	..	14?	15	16	17	..	..	..	21	..	..	24	..	26?									
,, subviola, Dennant ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	29						
,, aldingensis, T. Woods †	1	..	..	..	..	6	..	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	29						
,, tateanus, T. Woods ..	1																																	
Paracyathus supracostatus, Dennant	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	16																			
,, tasmanicus, Dennant ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28	29						
Ceratotrochus maccoyi, Duncan ..	..	..	..	..	..	6																												
,, typus, Seguenza ..	.	..	..	..	..	6	..	..	..	..	11	..	..	..	..	16	17																		
,, exilis, Dennant ..	..	..	..	..	5	6	7	8	..	..	11	12	..	..	..	16	..	18	19	20	..	22	..	..	..	..	..	..	29						
,, halli, Dennant ..	..	..	..	..	5?	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	21	..	..	..	..	..	..	..	29						
Stephanotrochus tatei, Dennant ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	29						

* Syn. *S. excisus*, Duncan.
† Duncan's *D. italicus*, and probably that species.

Eocene to Oligocene—*continued.*

Name of Fossil.	Group A.								Group B.																	Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.																S. A.		Tas.	Vic.	Victoria.			S.A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Amphihelia incrustans, Duncan ..	..	..	..	..	..	6	..	..	..	..	11																								
,, striata, T. Woods ..	1	2	..	4																															
,, ziczac, T. Woods ..	1																																		
Montlivaltia variformis, Dennant ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28	29						
Cyathosmilia laticostata, T. Woods ..	1	2																																	
,, velata, Dennant ..	..	..	..	..	5	..	7	8																											
,, ? tenuicostata, T. Woods	1	2																																	
Bistylia adhærens, T. Woods ..	1																																		
Parasmilia hermani, Dennant ..	..	..	..	..	5	..	7																												
Conosmilia elegans, Duncan ..	..	..	..	..	..	..	..	..	..	..	11	12	..	..	..	..	17	..	19	..	..	22													
,, anomala, Duncan ..	..	..	..	..	..	..	..	..	..	10	11	12	..	14	..	16	17	..	19	..	21	22	23												
,, striata, Duncan ..	..	..	..	..	5	6	7?	..	..	10	11	12	..	..	..	16	17	..	19?	..	21	22													
,, lituolus, Duncan ..	..	..	..	..	..	6?	..	..	..	10	11	..	..	..	..	..	..	..	..	..	..	22?													
,, contorta, T. Woods ..	1	..	..	..	5?	6?	..	..	..	10?	..	..	..	..	..	16?	17?																		
,, bicycla, T. Woods ..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	16?	17?	..	..	20?															
Cladocora contortilis, T. Woods ..	1																																		
*Heliastræa tasmaniensis, Duncan ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
Thamnastræa sera, Duncan ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
Palæoseris woodsii, Duncan ..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28							
Cycloseris tenuis, Duncan	..	..	..	..	..	..	..	8	..	..	11	..	..	..	..	..	..	18																	
Bathyactis lens, Duncan	..	..	..	..	5	..	..	..	..	10	11	12	..	14	15	16	17	..	19	20	..	..	..	..	..	..	..	..	29						

* Syn. *Astrangia tabulosa*, Tate ; this correction is made at the late Professor Tate's request.—J.D.

Name of Fossil.	Group A.								Group B.																	Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.																S.A.			Tas.	Vic.	Victoria.			S.A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Mooraboool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Trematotrochus fenestratus, T. Woods	..	2	..	..	..	..	..	8	..	10	..	..	..	14	15	16	..	..	19	..	..	22	..	24	..	..	..	28	29						
,, complanatus, Dennant	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	29						
,, lateroplenus, Dennant	..	..	3	..	..	6	..	..	..	10	..	12	..	..	..	16	17	..	..	..	..	..	..	..	..	..	..	..	29						
,, mulderi, Dennant ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	18																	
,, declivis, Dennant ..	..	..	..	..	5																														
,, kitsoni, Dennant ..	..	2	..	..	..	6	..	8	..	..	11																								
Stephanophyllia implexa, Dennant ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	29						
Notophyllia semivestita, Dennant ..	..	..	..	..	..	..	..	..	..	..	11																								
,, gracilis, Dennant ..	..	..	..	..	..	..	..	..	..	10	11	..	..	14	..	16	17	..	..	..	21	22													
,, aperta, Dennant ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	17																		
,, variolaris, T. Woods * ..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	32?			
Balanophyllia campanulata, Duncan	..	..	..	..	..	6	..	8	..	..	11	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	29?						
,, seminuda, Duncan ..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..	22													
,, armata, Duncan ..	..	..	..	..	..	..	..	..	..	10	11	..	..	..	..	16	17	..	19	..	..	22	..	24											
,, selwyni, Duncan ..	..	..	..	..	..	6	..	8?	..	10?	11	..	..	..	..	..	17																		
,, fragilis, Duncan ..	..	..	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	19?	..	..	..	..	..	..	..	..	..	29?						
,, australiensis, Duncan	..	..	..	..	..	6	..	8	..	10	11	12	..	..	..	16	17	..	19	20	21	22	..	..	..	26	..	28	29						
,, cylindrica, Michel.† ..	..	..	..	..	..	6	..	8	..	..	11																								
,, ulrichi, Duncan ..	..	..	..	..	..	6	..	..	..	..	11																								
,, tubuliformis, Duncan	..	..	..	..	..	6	..	..	..	10																									
Dendrophyllia epithecata, Duncan ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16?	..	..	..	..	..	..	..	..	..	..	..	28							
Graphularia senescens, Tate ..	1	..	3?	..	..	..	..	8	..	..	..	..	..	..	..	..	..	18	..	..	..	..	..	..	25	..	..	..	29	..	..	32	.	..	Croydon Bore, S.A.; Crawford River, V.
HYDROIDA.																																			
Deontopora mooraboolensis, T. S. Hall	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	17																		

Sphenotrochus variolaris, T. Woods. † Probably not Michelin s sp.

Name of Fossil.	Group A.								Group B.																		Group C.		Group D.				Other Localities.
	South Australia.				Victoria.				Victoria.															S.A.			Tas.	Vic.	Victoria.			S.A.	
	Aldinga.	Adelaide Bore.	Lake Alexandrina.	Ninety-mile Desert.	Brown's Creek.	Cape Otway.	Hamilton Creek.	Aire Coast.	Glenelg River.	Muddy Creek.	Gellibrand River.	Fishing Point, Guerard Hill.	Glen Aire, Calder River.	Camperdown.	Birregurra.	Shelford.	Lower Moorabool.	Maude.	Corio Bay.	Curlewis-Belmont.	Newport, Altona.	Mornington.	Flinders.	Mitchell River.	Waurn Ponds.	Murray River.	Mt. Gambier.	Table Cape.	Spring Creek.	Keilor.	South Yarra.	Beaumaris, Brighton	Royal Park, Moonee Ponds.	Murray Desert.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
PORIFERA.																																			
Tethya newberyi, McCoy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Sale, V.
Plectroninia halli, Hinde	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	17	..	..	..	..	..	23?												
Bactronella parvula, Hinde ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22													
,, australis, Hinde ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	23												
Tretocalia pezica, Hinde	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	23?												

MIOCENE.

Name of Fossil.	Victoria.						South Australia.				
	Muddy Creek.	Shelford.	Glenelg River.	Horsham.	Gippsland Lakes.	Bairnsdale.	Aldinga.	Hallett's Cove.	Murray Cliffs.	Edithburg.	Adelaide.
	1	2	3	4	5	6	7	8	9	10	11
PTEROPODA.											
Vaginella eligmostoma, Tate	1										
GASTEROPODA.											
Siphonaria diemenensis, Quoy	..	..	..	..	5						
Tornatina pachyptycha, Cossmann	1										
,, longispira, Cossmann	1										
Volvulella tatei, Cossmann	1	..	..	..	5						
Bullinella cuneopsis, Cossmann	..	..	..	..	5	6					
,, aratula, Cossmann	..	..	..	..	..	6					
Ringicula tatei, Cossmann	1	..	..	..	5	6					
Terebra catenifera, Tate ..	1										
,, subcatenifera, Tate	..	..	..	..	5						
,, mitrellæformis, Tate	..	..	..	..	..	..	7				
,, crassa, Tate ..	..	..	..	..	..	..	7				
,, geniculata, Tate ..	1	..	..	..	5						
,, simplex, T. Woods	..	..	..	..	5						
Euryta subspectabilis, Tate	1										
,, convexiuscula, Tate	1										
Conus hamiltonensis, Tate	1	..	..	..	5						
Bathytoma pritchardi, Tate	..	..	..	..	5	6					
Drillia trevori, T. Woods ..	..	..	..	..	5						
,, wanganuiensis, Hutton	..	..	..	..	5						
Mangilia glabra, Harris ..	1	..	..	..	5						
Cancellaria wannonensis, Tate	1	..	..	..	5						
,, modestina, Tate	1										
Olivella nymphalis, Tate ..	1	..	..	..	5	6					
Ancilla papillata, Tate ..	1										
,, orycta, Tate ..	..	..	..	..	5	6	7				
,, hebera, Hutton ..	..	..	..	4?							
Marginella muscaroides, Tate	1										
,, hordeacea, Tate	1	..	..	..	5	..	7				
,, propinqua, Tate	..	..	..	..	..	6					
Voluta masoni, Tate ..	1										
,, undulata, Lam. ..	..	..	..	..	5						
,, fulgetroides, Pritchard	1										
,, tabulata, Tate ..	..	..	..	..	5						
Lyria gemmata, Tate ..	1										
Mitra atypha, Tate ..	1										
,, alokiza, T. Woods ..	..	..	..	..	5						
Uromitra terebræformis, Tate	1	..	..	..	5						
,, sordida, Tate	1										
,, euglypha, Tate	..	..	..	..	5	6					

Name of Fossil.	Victoria.						South Australia.				
	Muddy Creek.	Shelford.	Glenelg River.	Horsham.	Gippsland Lakes.	Bairnsdale.	Aldinga.	Hallett's Cove.	Murray Cliffs.	Edithburg.	Adelaide.
	1	2	3	4	5	6	7	8	9	10	11
GASTEROPODA—*continued.*											
Conomitra conoidalis, Tate	1										
,, cassida, Tate ..	1										
Fusus gippslandicus, Tate	..	..	..	..	5	6					
,, dumetosus, Tate ..	1										
Latirus approximans, Tate	1	..	..	..	5	..	7				
,, purpuroides, Tate	1	..	..	..	5	6					
Siphonalia spatiosa, Tate ..	1	..	..	..	5						
Cominella crassina, Tate ..	1										
,, subfilicea, Tate	..	..	..	..	..	..	7	8			
,, clelandi, Tate ..	..	..	..	..	5	..	..	8			
Cantharus semicostatus, Tate	1										
,, rostratus, Tate	1										
Tritonidea brevis, Tate ..	1										
,, obliquecostata, Tate	1										
Phos gregsoni, Tate ..	..	..	..	..	5	6					
,, tuberculatus, Tate ..	1										
Zemira præcursoria, Tate	1										
Nassa crassigranosa, Tate ..	1	..	..	..	5						
,, labecula, Adams ..	..	..	..	..	5						
,, sublirella, Tate ..	1	..	..	..	5	6					
Columbella oxleyi, T. Woods	1	..	..	..	5						
,, cainozoica, T. Woods	1										
Murex trinodosus, Tate ..	1										
,, crassiliratus, Tate ..	1										
,, anceps, Tate ..	..	..	..	..	..	..	7				
Purpura succincta, Martyn	..	..	..	..	5						
,, abjecta, Tate ..	1										
Sistrum purpuroides, Johnston	1										
,, subreticulata, Tate	1										
Lampusia ovoidea, Tate ..	1										
,, quoyi, Reeve ..	1										
,, sexcostata, Tate	..	..	..	..	..	..	7				
Cassis textilis, Tate ..	..	..	..	..	..	..	..	..	..	..	11
Semicassis muelleri, Tate ..	1										
,, trinodosus, Tate	..	..	..	..	5						
,, subgranosus, Tate	..	..	..	..	..	..	..	..	..	10	
Cypræa jonesiana, Tate ..	1										
Trivia avellanoides, McCoy	1	..	..	..	5						
Erato illota, Tate	1										
Struthiolaria lirata, Tate ..	..	..	..	..	5						
Tylospira clathrata, Tate ..	..	..	..	..	5	6					
,, coronata, Tate ..	1	..	..	..	5	6					
Campanile triseriale, Basedow	..	..	..	..	..	..	..	8	..	10	

MIOCENE—*continued.*

Name of Fossil.	Victoria.						South Australia.				
	Muddy Creek.	Shelford.	Glenelg River.	Horsham.	Gippsland Lakes.	Bairnsdale.	Aldinga.	Hallett's Cove.	Murray Cliffs.	Edithburg.	Adelaide.
	1	2	3	4	5	6	7	8	9	10	11
GASTEROPODA—*continued.*											
Diastoma provisi, Tate ..	..	..	..	..	..	..	..	8			
Semivertagus subcalvatus, Tate	..	..	..	..	..	..	7				
Tenagodes occlusus, T. Woods	1										
Turritella pagodula, Tate ..	..	..	..	4	5						
,, tristira, Tate ..	..	..	..	..	5	6					
,, conspicabilis, Tate	..	..	..	..	5	6					
,, acricula, Tate ..	1	..	..	..	5	6	7				
,, murrayana, Tate	..	..	..	..	5	6					
Dissochilus vitreus, Tate ..	1										
Hipponyx australis, Lam. ..	1	..	..	..	..	..	..	8			
,, antiquatus, Linn.	1										
Crepidula unguiformis, Lam.	1	..	..	..	5	6					
,, dubitabilis, Tate	..	..	..	..	5						
Calyptræa corrugata, Tate	1	..	..	..	..	..	..	..	..	9	
,, crassa, Tate ..	1	..	..	..	5	6	..	8			
Capulus danieli, Crosse ..	1	..	..	..	..	..	7				
Natica hamiltonensis, Tate	..	..	..	..	5	6					
,, balteatella, Tate ..	..	..	..	..	..	..	..	8			
,, subvarians, Tate ..	1	..	..	4	5	6	7	8			
,, cunninghami, Harris	1	..	..	..	5	6					
,, substolida, Tate ..	..	..	..	..	5						
,, polita, T. Woods ..	..	..	..	..	5	6					
,, perspectiva, Tate ..	..	..	..	..	5						
,, subinfundibulum, Tate	1	..	..	4	5	6					
Heligmope dennanti, Tate	1	..	..	..	..	..	..	8			
Crosseia lauta, Tate ..	1										
Eglisia triplicata, Tate ..	1	..	..	..	5						
Niso psila, T. Woods ..	..	..	..	..	..	6					
Nerita melanotragus, Smith	1	..	..	..	5						
Turbo hamiltonensis, Harris	1										
Liopyrga quadricingulata, Tate	1	..	..	..	5	6					
Haliotis nævosoides, McCoy	1										
Lucapinella nigrita, Sow. ..	1										
SCAPHOPODA.											
Dentalium bifrons, Tate ..	1										
,, mantelli, Zittel	1	..	..	..	5						
,, latesulcatum, Tate	1										
,, sectiforme, Tate	1										
,, largicrescens, Tate	1	..	..	..	5	6					
,, tornatissimum, Tate	..	..	..	..	5						
Cadulus acuminatus, Tate ..	..	..	..	..	..	..	..	7			
,, infans, Tate ..	1										

Name of Fossil.	Victoria.						South Australia.				
	Muddy Creek.	Shelford.	Glenelg River.	Horsham.	Gippsland Lakes.	Bairnsdale.	Aldinga.	Hallett's Cove.	Murray Cliffs.	Edithburg.	Adelaide.
	1	2	3	4	5	6	7	8	9	10	11
LAMELLIBRANCHIATA.											
Ostrea arenicola, Tate ..	..	2?	3?	..	5?	6	7	..	9		
,, manubriata, Tate ..	1										
,, sturtiana, Tate ..	..	..	..	..	..	..	..	..	9		
Placunanomia ione, Gray ..	1	..	3	..	5	6	7	..	9		
Spondylus arenicola, Tate ..	..	..	..	..	..	..	7				
Lima jeffreysiana, Tate ..	..	..	..	..	..	..	7	..	9	10	
,, subnodulosa, Tate ..	1										
Pecten antiaustralis, Tate ..	1	2	..	..	5	6	7	..	..	10	11
,, consobrinus, Tate ..	..	..	..	..	..	..	7				
,, palmipes, Tate ..	..	..	..	..	..	..	7	..	..	10	
,, subbifrons, Tate ..	..	..	..	..	..	..	7	..	..	..	11
,, subconvexus, Tate ..	1	..	..	..	5						
,, sturtianus, Tate ..	1										
,, meringæ, Tate ..	..	..	..	..	5	..	7				
,, fumatus, Reeve ..	..	..	3								
Amussium lucens, Tate ..	..	..	..	..	..	..	7				
Margaritifera crassicardia, Tate	..	..	..	..	..	..	..	..	9		
Melina percrassa, Tate ..	1										
Pinna semicostata, Tate ..	..	..	..	..	..	..	7				
Mytilus submenkeanus, Tate	..	..	..	..	..	..	..	8			
,, hamiltonensis, Tate	1										
,, linguatulus, Tate ..	1										
,, deperditus, Tate ..	1										
,, chorus, Molina ..	..	..	3								
Modiola pueblensis, Pritch.	..	..	..	..	..	6?					
Lithodomus brevis, Tate ..	..	..	..	..	..	..	..	8			
Barbatia celleporacea, Tate	1										
,, consutilis, Tate ..	1										
,, simulans, Tate ..	1	..	..	..	..	..	..	..	9		
Cucullæa corioensis, McCoy	1	..	..	4	5	6	7	..	..	..	11
Glycymeris cainozoicus, T. Woods	1	..	..	4	5						
,, laticostatus, Q. and G.	1	..	..	4	..	6	..	..	..	..	11
,, subtrigonalis, Tate	1	..	..	..	5						
,, convexus, Tate	1	..	..	4							
,, subradians, Tate	..	..	..	..	..	..	..	8	..	10	
Limopsis forskali, Adams	1	..	..	4	5	6					
Nucula tenisoni, Pritch. ..	1	..	..	..	..	..	..	..	..	..	11
,, antipodum, Hanley	..	..	..	..	5	6					
,, fenestralis, Tate ..	1										
Leda crassa, Hinds ..	..	..	..	..	5						
,, acinaciformis, Tate ..	1										
,, prælonga, Tate ..	1										
,, woodsii, Tate ..	1	..	..	..	5	6					
,, vagans, Tate ..	..	..	..	..	5	6					
Trigonia howitti, McCoy ..	1	..	..	4	5	6					
,, acuticostata, McCoy	1	..	..	..	5	6	7	..	9		
Mytilicardia compta, Tate ..	1	..	..	..	..	..	..	..	9		
,, kalimnæ, Pritch.	..	..	..	..	5						

MIOCENE—*continued.*

Name of Fossil.	Victoria.						South Australia.				
	Muddy Creek.	Shelford.	Glenelg River.	Horsham.	Gippsland Lakes.	Bairnsdale.	Aldinga.	Hallett's Cove.	Murray Cliffs.	Edithburg.	Adelaide.
	1	2	3	4	5	6	7	8	9	10	11
LAMELLIBRANCHIATA—*continued.*											
Cardita trigonalis, Tate	1	..	..	..	5	..	7				
,, pecten, Tate	1	..	..	4	..	..	..	..	9		
,, solida, Tate	1										
,, calva, Tate	1										
,, scabrosa, Tate	1										
,, spinulosa, Tate	..	..	..	4	5	6					
,, dennanti, T. and B.	..	..	..	..	..	..	..	..	..	10	
Carditella polita, Tate	1										
Crassatellites oblonga, T. Woods	1	..	..	..	5	6	..	..	9		
Lepton planiusculum, Tate	..	..	..	..	..	..	7				
Kellya micans, Tate	1	..	..	..	5	6					
Mysella sericea, Tate	1	..	..	..	..	..	..	..	9		
Cardium mediasulcatum, T. and B.	..	..	..	..	..	..	..	..	..	10	
Meretrix paucirugata, Tate	1	..	..	..	5	6					
,, murrayana, Tate	..	..	..	..	..	..	..	..	9		
,, submultistriata, Tate *	1	..	..	..	5	6					
,, sphericula, Basedow	..	..	..	..	..	..	..	..	..	10	
Sunetta gibberula, Tate	1										
Chione subroborata, Tate	1	..	..	4	5	6	..	..	9		
,, propinqua, T. Woods	1	..	..	..	5	6					
,, dictua, Tate	..	..	..	..	..	..	..	..	9		
,, cognata, Pritch.	1	..	..	..	..	6					
,, allporti, T. Woods	..	..	..	..	..	6					
Dosinia johnstoni, Tate	1	..	..	4	..	6					
,, grayii, Zittel	..	..	..	..	5	..	..	..	..	10	
Venerupis paupertina, Tate	1	..	..	..	..	..	..	..	9		
Diplodonta subquadrata, Tate	..	..	..	..	..	..	..	..	9		
,, suborbicularis, Tate	..	..	..	..	..	..	..	..	9		
Donax depressa, Tate	..	..	..	..	..	..	..	..	9		
Gari hamiltonensis, Tate	1	..	..	..	5						
,, æqualis, Tate	1										
Solen sordidus, Tate	1										
Anapella variabilis, Tate	..	..	..	..	..	..	7				
Mactra axiniformis, Tate	1	..	..	..	..	6					
,, hamiltonensis, Tate	1	..	..	..	5						
Zenatiopsis angustata, Tate	1	..	..	..	5	6	7				
Corbula ephamilla, Tate	1	..	..	4	5	6	..	..	9		
,, scaphoides, Hinds	1	..	..	..	5	6					
Panopæa orbita, Hutton	..	..	..	..	..	..	7	..	..	..	11
,, australis, Sow.	..	..	..	..	5	6					
Saxicava arctica, Linn.	..	..	..	..	5						
Barnea tiara, Tate	1	..	..	..	5	6					

Name of Fossil.	Victoria.						South Australia.				
	Muddy Creek.	Shelford.	Glenelg River.	Horsham.	Gippsland Lakes.	Bairnsdale.	Aldinga.	Hallett's Cove.	Murray Cliffs.	Edithburg.	Adelaide.
	1	2	3	4	5	6	7	8	9	10	11
LAMELLIBRANCHIATA—*continued.*											
Martesia elegantula, Tate	1										
Lucina aræa, Tate	..	..	..	..	..	..	7				
,, affinis, Tate	1	..	..	..	5	..	..	..	9		
,, nuciformis, Tate	..	..	..	..	..	..	7				
,, quadrisulcata, D'Orb.	..	..	..	..	5	..	..	..	9		
,, fabuloides, Tate	..	..	..	..	..	..	7				
,, fabula, Reeve ?	..	..	..	..	5						
Loripes simulans, Tate	..	..	..	..	..	..	7				
Tellina lata, Q. & G.	..	..	..	..	..	..	7				
,, albinelloides, Tate	1	..	..	..	5	6					
,, æquilatera, Tate	1	..	..	..	5	6					
,, decussata, Lam.	1	..	..	..	5						
,, basedowi, Tate	..	..	..	..	..	..	..	..	..	10	
†Strigilla australis, Tate	1										
Myadora prælonga, Tate	1	..	..	..	5						
,, angustior, Tate	1										
,, tenuilirata, Tate	..	..	..	..	5	..	..	..	9		
,, corrugata, Tate	1	..	..	4	5	6	..	..	..	..	11
,, brevis, Sow.	1	..	..	..	5						
Myochama plana, Tate	..	..	..	..	5						
Chamostrea albida, Lam.	1	..	..	..	5						
PALLIOBRANCHIATA.											
Terebratella pumila, Tate	..	..	..	..	5						
Magasella woodsiana, Tate	1										
SERPULIDÆ.											
Salmacina ? teretra, T. S. Hall	1										
CRUSTACEA.											
Balanus trigonus, Darwin	..	..	..	..	5						
,, amaryllis, Darwin	..	..	..	..	5						
Chthamalus stellatus, Poli	..	..	3								
ECHINODERMATA.											
Arachnoides incisa, Tate	..	..	..	..	5						
Laganum platymodes, Tate	..	..	..	..	..	..	7	8			
‡ Macropneustes decipiens, Tate	..	..	..	..	..	..	7				
Lovenia forbesi, T. Woods	1?	..	..	..	..	6					
ACTINOZOA.											
Flabellum curtum, Dennant	..	..	..	..	5						
,, gippslandicum, Dennant	..	..	..	..	5						

* Also at Cooke's Plains, S. A.———† Quoted by Tate from lower beds at Muddy Creek ; I have found it only in the upper.—J. D.———‡ Also at R. Onkaparinga, S.A.

MIOCENE—*continued.*

Name of Fossil.	Victoria.						South Australia.					
	Muddy Creek.	Shelford.	Glenelg River.	Horsham.	Gippsland Lakes.	Bairnsdale.	Aldinga.	Hallett's Cove.	Murray Cliffs.	Edithburg.	Adelaide.	
	1	2	3	4	5	6	7	8	9	10	11	
ACTINOZOA—*continued.*												
Flabellum gambierense, Duncan	..	..	..	..	5							
,, victoriæ, Duncan	..	..	..	..	5							
* Placotrochus elongatus, Duncan	1											
,, deltoideus, Duncan	1	..	..	..	5	..	..	..	..	..	..	11
Sphenotrochus australis, Duncan	..	..	..	..	5							
,, emarciatus, Duncan	..	..	..	..	5							
,, alatus, T. Woods	..	..	..	..	5							

Name of Fossil.	Victoria.						South Australia.					
	Muddy Creek.	Shelford.	Glenelg River.	Horsham.	Gippsland Lakes.	Bairnsdale.	Aldinga.	Hallett's Cove.	Murray Cliffs.	Edithburg.	Adelaide.	
	1	2	3	4	5	6	7	8	9	10	11	
ACTINOZOA—*continued.*												
Montlivaltia variformis, Dennant	..	..	..	..	..	..	..	8				
Plesiastræa st. vincenti, T. Woods	..	..	..	..	..	..	..	8				
Trematotrochus clarkii, Dennant	1	..	..	..	5	6						
Notophyllia gracilis, Dennant	..	..	..	..	5							
HYDROIDA.												
Sporadopora dichotoma, Moseley	1											

* Probably derived from underlying Eocene.

PLIOCENE AND PLEISTOCENE.

Name of Fossil.	Older Pliocene. South Australia. Dry Creek Bore.	Older Pliocene. South Australia. Croydon Bores.	Newer Pliocene. Victoria. Limestone Creek, Glenelg R.	Newer Pliocene. Victoria. Moorabool Viaduct.	Pliocene to Pleistocene. Various Localities.
MAMMALIA.	1	2	3	4	
Thylacinus rostralis, De Vis	..	..	..	..	Lake Colongulac, V.
Sarcophilus ursinus, Harris	..	..	..	..	Camperdown, Queenscliff, Gisborne, Baringhup } V.
Phascolomys pliocenus, McCoy ..	..	..	..	..	Werribee, Dunolly, Lake Colongulac } V.
Phascolonus gigas, Owen	..	..	..	..	Lake Callabonna, S.A.
Nototherium mitchelli, Owen	..	..	..	..	Lake Victoria (Alexandrina ?), S.A.
Diprotodon longiceps, McCoy	..	..	..	..	Colac, Geelong } V.
,, australis, Owen	..	..	..	..	Melbourne, V.; Lake Callabonna, S.A.
minor, Huxley	..	..	..	..	Lake Callabonna, S.A.
Thylacoleo carnifex, Owen	..	..	..	..	Lake Colongulac, V.
Macropus titan, Owen	..	..	..	..	Melbourne, Colac, Lake Colongulac } V.
,, atlas, Owen	..	..	..	..	Duck Ponds, V.
,, faunus, De Vis	..	..	..	..	Buninyong, V.
,, magister, De Vis	..	..	..	..	Lake Colongulac, V.
,, pan, De Vis	..	..	..	..	Lake Colongulac, V.
,, giganteus, Shaw	..	..	.	..	Lake Colongulac, V.
Halmaturus dryas, De Vis	..	..	..	..	Coimadai, V.
,, anak, Owen	..	..	..	..	Coimadai, V.
,, cooperi, Owen	..	..	..	..	Coimadai, V.
Procoptodon goliah, Owen	..	..	..	..	Lake Colongulac, V.
Palorchestes azael, Owen	..	..	..	..	Werribee, Sorrento } V.; Croydon, S.A.
Canis dingo, Blumenbach	..	..	..	..	Colac, Lake Colongulac } V.
Arctocephalus williamsi, McCoy ..	..	..	..	..	Queenscliff, Cape Otway } V.
REPTILIA.					
Pallymnarchus pollens, De Vis ..	..	..	..	..	Clunes, V.
AVES.					
Dromornis australis, Owen	..	..	..	..	Penola, S.A.
Genyornis newtoni, Stirling and Zietz ..	..	..	..	..	Lake Callabonna, S.A.
GASTEROPODA.					
Vitrina barnardi, Johnston	..	..	..	..	Hobart, T.
Helix tasmaniensis, G. B. Sow. ..	..	..	..	..	Hobart, T.
,, huxleyana, Johnston	..	..	..	..	Hobart, T.
,, geilstonensis, Johnston	..	..	..	..	Hobart, T.
,, sinclairi, Pfr.	..	..	..	..	Hobart, T.
,, simsoniana, Johnston	..	..	..	..	Hobart, T.
Liparus gunni, G. B. Sow.	..	..	..	..	Hobart, T.
Bulinus tenuistriatus, Sow. ?	..	..	3?	..	Casterton, V.
Siphonaria diemenensis, Q. and G. ..	..	..	3		
Salinator quoyanus, Potiez and M. ..	..	..	3		
Tornatina eumicra, Crosse	1				

PLIOCENE AND PLEISTOCENE—*continued.*

Name of Fossil.	OLDER PLIOCENE.		NEWER PLIOCENE.		PLIOCENE TO PLEISTOCENE.
	South Australia.		Victoria.		Various Localities.
	Dry Creek Bore.	Croydon Bores.	Limestone Creek, Glenelg R.	Moorabool Viaduct.	
GASTEROPODA—*continued.*	1	2	3	4	
Volvula rostrata, A. Adams	1				
Bullinella arachis, Quoy	..	..	3		
,, pygmæa, A. Adams	1				
Terebra spectabilis, Hinds	..	..	3		
,, cingulifera, Lam.	..	..	3		
,, violascens, Hinds	..	..	3		
,, addita, Desh.	..	..	3		
,, tristis, Desh.	..	..	3		
,, ustulata, Desh.	..	..	3		
,, strigillata, Linn. ?	..	..	3		
Euryta pulchella, Ad. and Ang. ..	..	..	3		
Conus ralphii, T. Woods	..	..	3		
,, hamiltonensis, Tate?	..	..	3		
,, anemone, Lam.	..	..	3		
Pleurotoma violacea, Hinds	..	..	3		
,, murndaliana, T. Woods, var.	..	..	3		
Drillia harpularia, Desmoulins ..	..	..	3		
Mangilia jacksonensis, Angas	..	..	3		
Clathurella bicolor, Angas	..	..	3		
Bela australis, Ad. and Ang., var. ..	..	..	3		
Daphnobela tenuisculpla, T. Woods ..	..	..	3		
Clavatula monile, Valenc	..	..	3		
Cancellaria granosa, Sow.	..	..	3	4	
,, purpuræformis, Valenc ..	..	..	3		
,, epidromiformis, Tate ..	..	..	3		
,, wannonensis, Tate ..	1				
Ancilla marginata, Lam.	..	..	3		
,, australis, Sow.?	..	..	3		
,, petterdi, Tate?	..	..	3		
,, pseudaustralis, Tate	1				
,, orycta, Tate	1				
Marginella turbinata, Sow.	..	..	3		
,, formicula, Lam.	..	..	3		
,, volutiformis, Reeve ..	..	..	3		
,, stanislas, T. Woods? ..	..	..	3		
,, johnstoni, Petterd ..	..	..	3		
,, tasmanica, T. Woods ..	..	..	3		
,, ovulum, Sow.	..	..	3		
,, allporti, T. Woods	..	..	3		
Voluta antiscalaris, McCoy	..	..	3		
,, undulata, Lam.	..	..	3		
,, canaliculata, McCoy?	..	..	3		
,, fulgetra, Sow.	..	..	3		
,, mamilla, Gray	..	..	3		
,, punctata, Swainson	..	..	3		
,, kreusteræ, Angas	..	..	3		
Mitra rosettæ, Angas	..	..	3		
,, tasmanica, T. Woods	..	..	3		
,, scalariformis, T. Woods	..	..	3		
,, glabra, Swainson	..	..	3		
,, pica, Reeve	..	..	3		
,, maculosa, Reeve?	..	..	3		

PLIOCENE AND PLEISTOCENE—*continued.*

Name of Fossil.	Older Pliocene. South Australia. Dry Creek Bore.	Older Pliocene. South Australia. Croydon Bores.	Newer Pliocene. Victoria. Limestone Creek, Glenelg R.	Newer Pliocene. Victoria. Moorabool Viaduct.	Pliocene to Pleistocene. Various Localities.
GASTEROPODA—*continued.*	1	2	3	4	
Imbricaria conovula, Q. and G.? ..	..	..	3		
Columbarium craspedotus, Tate ..	..	..	3		
Fusus ustulatus, Reeve	..	..	3	4	
Latirofusus aciformis, Tate	..	..	3		
,, nigrofuscus, Tate	..	..	3		
Fasciolaria coronata, Lam.	..	..	3		
,, fusiformis, Valenc. ..	..	..	3		
Latirus paivæ, Crosse	..	..	3		
,, approximans, Tate	..	..	3		
Siphonalia tasmaniensis, Ad. and Ang.	..	..	..	4	
Cominella costata, Quoy	..	..	3		
,, lineolata, Lam.	..	..	3		
,, subfiliacea, Tate	1				
Cantharus clarkei, T. Woods	..	..	3		
,, rubiginosus, Reeve.. ..	..	..	3		
Pisania reticulata, A. Adams	..	..	3		
Tritonofusus styliformis, T. Woods ..	..	..	3		
Eburna australis, Sow.	..	..	3		
Nassa tatei, T. Woods..	1				
,, tyrella, Beck.	..	..	3	4	
,, monile, Kiener	..	..	3		
,, pauperata, Lam.	..	..	3		
,, fasciata, Lam.	..	..	3	4	
,, jacksoniana, Q. and G.	1				
Columbella semiconvexa, Lam. ..	..	..	3		
,, xavierana, T. Woods ..	..	..	3		
,, angasi, Brazier	..	..	3		
,, crebricostatus, T. Woods ..	..	..	3		
Trophon petterdi, Crosse	..	..	3		
Murex triformis, Reeve	..	..	3		
,, umbilicatus, T. Woods	..	..	3		
Purpura textiliosa, Lam.	..	..	3	4	
Sistrum reticulatum, Quoy	..	..	3		
Lampusia bassii, Angas	..	..	3		
,, quoyi, Reeve	..	..	3		
,, subdistorta, Lam.	..	..	3		
,, spengleri, Chem.	..	..	3		
,, annectans, Tate	..	..	3		
,, gibba, Tate	..	..	3		
,, armata, Tate	1	2			
,, sexcostata, Tate	1				
Colubraria bednalli, Brazier	..	..	3		
Cassis fimbriata, Quoy	1	2	3		
Semicassis semigranosa, Lam.	..	..	3		
Cypræa thersites, Gaskoin	..	..	3		
,, bicolor, Gaskoin	..	..	3		
,, leptorhyncha, McCoy	..	..	3		

PLIOCENE AND PLEISTOCENE—*continued.*

Name of Fossil.	Older Pliocene. South Australia. Dry Creek Bore.	Older Pliocene. South Australia. Croydon Bores.	Newer Pliocene. Victoria. Limestone Creek, Glenelg R.	Newer Pliocene. Victoria. Moorabool Viaduct.	Pliocene to Pleistocene. Various Localities.
GASTEROPODA—*continued.*	1	2	3	4	
Cypræa archeri, T. Woods	..	..	3		
,, jonesiana, Tate	1				
Trivia australis, Lam.	..	..	3		
Erato lachryma, Gray	..	..	3		
Tylospira coronata, Tate	1				
Triforis angasi, Crosse	..	..	3		
Cerithium tenue, Sow.	1				
Bittium granarium, Kiener	..	..	3		
Potamides dubium, Sow.	1	..	3		
Diastoma provisi, Tate	1	2			
Semivertagus capillatus, Tate ..	1				
Batillaria cerithium, Quoy	..	..	3	4	
Tenagodes occlusus, T. Woods ..	..	..	3		
,, australis, Q. and G. ..	..	..	3		
Turritella clathrata, Kiener	..	..	..	4	
Risella melanostoma, Gmelin	..	..	3		
,, plana, Quoy	..	..	..	4	
Phillipia lutea, Lam.	..	..	3		
Diala monile, A. Adams	..	..	3		
Rissoia cyclostoma, T. Woods	..	..	3		
Rissoina lirata, Angas	1				
,, elegantula, Angas	1				
Amalthea conica, Schum.	1	..	3		
Hipponyx australis, Lam.	..	..	3		
Crepidula unguiformis, Lam.	1	..	3		
Calyptræa maculata, Quoy	..	..	3		
Natica sagittata, Menke	1	..	3		
,, aurantia, Lam.	1	..	3		
,, conica, Lam.	..	..	3		
,, gibbosa, Hutton	1				
,, ovata, Hutton	1				
,, pyramis, Reeve	..	..	3		
,, balteatella, Tate	1	2			
,, plumbea, Lam.	..	..	..	4	
,, subinfundibulum, Tate ..	..	..	3		
,, subnoæ, Tate	..	..	3		
Eulima proxima, Sow	..	..	3		
Odontostomia angasi, Tryon	..	..	3		
,, eburnea, Metcalfe? ..	..	..	3		
Nerita melanotragus, E. A. Smith ..	..	..	3		
Phasianella ventricosa, Q. and G. ..	..	..	3		
,, nævosa, Reeve	..	..	3		
,, tritonis, Chem.	..	..	3		

PLIOCENE AND PLEISTOCENE—*continued.*

Name of Fossil.	OLDER PLIOCENE. South Australia. Dry Creek Bore.	OLDER PLIOCENE. South Australia. Croydon Bores.	NEWER PLIOCENE. Victoria. Limestone Creek, Glenelg R.	NEWER PLIOCENE. Victoria. Moorabool Viaduct.	PLIOCENE TO PLEISTOCENE. Various Localities.
	1	2	3	4	
GASTEROPODA—*continued.*					
Turbo circularis, Reeve	..	..	3		
,, undulatus, Martyn	..	..	3		
Astralium aureum, Jonas	..	..	3		
,, squamiferum, Koch ..	..	..	3		
,, aster, T. Woods	..	..	3		
Calliostoma meyeri, Phil.	..	..	3		
,, legrandi, T. Woods ..	..	..	3		
,, chlorostoma, Menke ..	..	..	3		
Clanculus aloysii, T. Woods	..	..	3		
,, variegatus, Adams	..	..	3		
Elenchus lineatus, Lam.	..	..	3		
,, irisodontis, Q. and G. ..	1				
Cantharidus lehmanni, Menke ..	..	..	3		
Thalotia conica, Gray	..	..	3		
,, allporti, T. Woods	..	..	3		
Bankivia fasciata, Menke	..	..	3		
Trochocochlea tæniata, Q. and G. ..	..	..	3		
,, striolata, Q. and G. ..	..	..	3		
Diloma odontis, Gray	..	..	3		
,, adelaidæ, Phil.	..	..	3		
Euchelus tasmanicus, T. Woods ..	1	..	3?		
Cyclostrema micans, A. Adams ..	1				
,, micra, T. Woods	1				
Haliotis nævosa, Reeve	1				
Fissurella scutella, Gray	1				
Fissurellidæa concatenata, Crosse and F.	..	..	3		
Emarginula candida, A. Adams ..	1	..	3		
,, dilecta, A. Adams ..	..	..	3		
Acmæa costata, Sow.	..	..	3		
Patella tramoserica, Martyn	..	..	3		
SCAPHOPODA.					
Dentalium mantelli, Zittel	..	..	3		
,, australe, Sharp and Pilsbury	..	..	3		
,, elephantinum, Linn. ..	1				
,, octogonum, Lam.	1				
,, sectum, Desh.	1				
Cadulus acuminatus, Desh.	1				
LAMELLIBRANCHIATA.					
Ostrea angasi, Sow.	1	2	3	4	
,, mordax, Gould	..	..	..	4	
Placunanomia ione, Gray	1	..	3		
Spondylus arenicola, Tate	1	2			
Lima bassii, T. Woods	1				
,, jeffreysiana, Tate	1				

PLIOCENE AND PLEISTOCENE—*continued.*

Name of Fossil.	OLDER PLIOCENE.		NEWER PLIOCENE.		PLIOCENE TO PLEISTOCENE.
	South Australia.		Victoria.		Various Localities.
	Dry Creek Bore.	Croydon Bores.	Limestone Creek, Glenelg R.	Moorabool Viaduct.	
LAMELLIBRANCHIATA—*continued.*	1	2	3	4	
Limea austrina, Tate	..	..	3		
Pecten bifrons, Lam.	..	..	3		
,, subbifrons, Tate	1				
,, asperrimus, Lam.	..	..	3		
,, antiaustralis, Tate	1	2			
Amussium lucens, Tate	1				
Meleagrina crassicardia, Tate	1	2			
Mytilus magellanicus, Lam.	..	..	3	4 ?	
,, hirsutus, Lam.	..	..	3		
,, planulatus, Lam.	..	..	..	4	
Arca navicularis, Brug.	1				
Barbatia carpentari, Dunker	..	..	3		
,, granosa, Linn.	..	..	3		
,, squamosa, Lam.	..	..	3		
Cucullæa corioensis, McCoy	1	2	3		
Glycimeris subtrigonalis, Tate ? ..	..	..	3	4?	
,, radians, Lam.	1	2	3		
,, convexus, Tate, var. ..	1	2			
,, flabellatus, T. Woods ..	..	..	3		
Limopsis forskali, Adams	1	2	3		
,, bassii, E. A. Smith	..	..	3		
Nucula tenisoni, Pritch.	1	..	3		
Leda crassa, Hinds	..	..	3		
,, inconspicua, Adams	..	..	3		
Trigonia margaritacea, Lam.	..	..	3		
Unio depressus, Lam.	..	..	..	..	Coleraine, V.
Cardita preissii, Menke	1	2			
,, raouli, Angas	..	..	3		
,, scabrosa, Tate	..	..	3		
,, bimaculata, Desh.	..	..	3		
,, amabilis, Desh.?	..	..	3		
,, delicatula, Tate	..	..	3		
Mytilicardia crassicostata, Lam. ..	..	..	3		
Crassatellites oblonga, T. Woods ..	1	2			
Mysella anomala, Angas	1				
Lepton trigonale, Tate	1				
Cardium tenuicostatum, Lam. ..	1				
,, cygnorum, Desh.	1				
Meretrix alatus, Reeve	..	..	3	4	
,, submultistriata, Tate ..	1				
Chione gallinula, Lam.	..	..	3		
,, strigosa, Lam.	..	..	3		
,, peroni, Lam.	..	..	3		
,, tiara, Dillwyn ?	..	..	3		
,, undulosa, Lam.	..	..	3		
,, striatissima, Sow.	1	..	3?		
,, roborata, Hanley	..	..	3	4	
,, subroborata, Tate	1				

PLIOCENE AND PLEISTOCENE—*continued.*

Name of Fossil.	OLDER PLIOCENE. South Australia. Dry Creek Bore.	OLDER PLIOCENE. South Australia. Croydon Bores.	NEWER PLIOCENE. Victoria. Limestone Creek, Glenelg R.	NEWER PLIOCENE. Victoria. Moorabool Viaduct.	PLIOCENE TO PLEISTOCENE. Various Localities.
LAMELLIBRANCHIATA—*continued.*	1	2	3	4	
Chione propinqua, T. Woods, var. ..	1	..	3?		
,, cainozoica, T. Woods	..	2			
Meroë aliciæ, Ad. and Ang.	..	..	3		
Dosinia histrio, Gmelin, var.	..	..	3		
,, diana, Ad. and Ang.	..	..	3		
,, anus, Phil?	..	..	3		
Venerupis exotica, Lam.	..	..	3		
Rupellaria pauperita, Tate	1				
Donax cardioides, Lam.	..	..	3		
Mesodesma erycinæa, Lam.	..	..	3		
,, glabrella, Lam.	..	..	3		
Anapella triquetra, Hanley	..	..	3		
,, cuneata, Lam.	..	..	3		
Mactra polita, Chem.	..	..	3		
,, hamiltonensis, Tate	1				
,, howchiniana, Tate	1	2			
Zenatiopsis angustata, Tate	..	..	3		
Corbula tunicata, Hinds	..	..	3		
,, ephamilla, Tate	1	2	3		
,, scaphoides, Hinds	..	..	..	4	
Saxicava arctica, Linn.	1				
Barnea australasiæ, Sow.	..	..	3	4	
Teredo hæphii, Zittel?	..	..	3		
Lucina quadrisulcata, D'Orb.	1	2	3		
,, nuciformis, Tate	1				
,, leucomomorpha, Tate	1				
,, fabuloides, Tate	1				
,, affinis, Tate	1				
,, tatei, Angas	1				
Loripes simulans, Tate	1				
Tellina albinelloides, Tate	1				
Myadora brevis, Sow.	1	..	..	4	
,, ovata, Reeve	..	..	3		
,, prælonga, Tate	..	..	3		
Humphreyia strangei, Adams ..	1				
PALLIOBRANCHIATA.					
Magellania flavescens, Lam.	..	..	..	4	
,, insolita, Tate	..	..	3		
CRUSTACEA.					
Eliminius simplex, Darwin	1				
ACTINOZOA.					
Placotrochus deltoideus, Duncan ..	..	..	3		
Cylicia rubeola, Q. and G.	1				

By Authority: ROBT. S. BRAIN, Government Printer, Melbourne.

PRESENTED
12 JUL. 1904

PLAN SHOWING LOCALITIES MENTIONED

In the Catalogue of the Described Species of Fossils (except Bryozoa and Foraminifera) in the Cainozoic Fauna of Victoria, South Australia, and Tasmania.

SCALE—110 MILES TO THE INCH.

REFERENCE.

(The numbers on map do NOT correspond with those in catalogue.)

VICTORIA.

No.	Locality.
37	Aire Coast
30	Airey's Inlet
51	Apsley
5	Bairnsdale
46	Baringhup
11	Beaumaris, Brighton
32	Birregurra
38	Brown's Creek
44	Buninyong
41	Camperdown
35	Cape Otway
34	Cape Patton
52	Casterton
45	Clunes
18	Coimadai
33	Colac
53	Coleraine
25	Corio Bay
57	Crawford River
26	Curlewis, Belmont
31	Dean's Marsh
21	Duck Ponds
47	Dunolly
4	Eagle Point
36	Fishing Point, Guerard Hill
8	Flinders
25	Geelong
40	Gellibrand River
3	Gippsland Lakes
17	Gisborne
36	Glen Aire, Calder River
59	Glenelg River
36	Hamilton Creek
49	Horsham
15	Keilor
42	Lake Colongulac
2	Lake Tyers
58	Limestone Creek, Glenelg River
24	Lower Moorabool
22	Maude
13	Melbourne
6	Mitchell River
24	Moorabool Viaduct
10	Mornington
50	Mount Arapiles
19	Mount Mary
54	Muddy Creek
16	Newport, Altona
43	Pitfield Plains
56	Portland
28	Queenscliff
39	Rivernook
14	Royal Park, Moonee Ponds
7	Sale
23	Shelford
1	Snowy River
9	Sorrento
12	South Yarra
29	Spring Creek
48	Stawell
55	Warrnambool
27	Waurn Ponds
20	Werribee

SOUTH AUSTRALIA.

No.	Locality.
74	Adelaide
74	Adelaide Bore
70	Aldinga
77	Ardrossan
*	Australian Bight
62	Border Town
68	Cooke's Plains
73	Croydon Bore
75	Dry Creek Bore
81	Edithburg
*	Fowler's Bay
60	Gambier
76	Gawler
72	Hallet's Cove
72	Happy Valley
82	Kangaroo Island
69	Lake Alexandrina
*	Lake Callabonna
60	Mount Gambier
66	Murray Cliffs
65	Murray Desert
67	Murray Plain
66	Murray River
63	Ninety-mile Desert
71	Onkaparinga River
61	Penola
64	Pinnaroo
80	Port Vincent
79	Stansbury
78	Yorke Peninsula

TASMANIA.

No.	Locality.
83	Flinders Island
86	Franklin
87	Hobart
85	Launceston
84	Table Cape

*Not within area included in the plan.

BRITISH MUSEUM